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THE SHORTHORN IN AMERICA



American Shorthorn Breeders' Association



Courtesy W. A. Forsythe & Sons, Greenwood, Mo.

Photo by Morris

There's An Appealing Note, the World Over, in the Call to Dinner

Col. F. M. Woods' Tribute to the Cow

(Delivered at Springfield, Ill., at the opening of a sale of Shorthorns in 1897.)

Grand and noble brute, of all man's animal friends she is the greatest! To her we owe the most. Examine into all the channels of trade into which she enters and note the result should she be blotted out. A Sunday stillness would pervade the great stock yards of our large cities and grass would grow in the streets. One-half the freight trains that plow the continent from ocean to ocean would sidetrack, for there would be nothing for them to do. Fifty per cent of the employes would draw no pay on Saturday night and our tables would be bare of the greatest luxuries with which they are now loaded. The great plains of the west that the cow has made to blossom like the rose would revert to the Indians from whence they came and millions of prosperous homes would be destroyed.

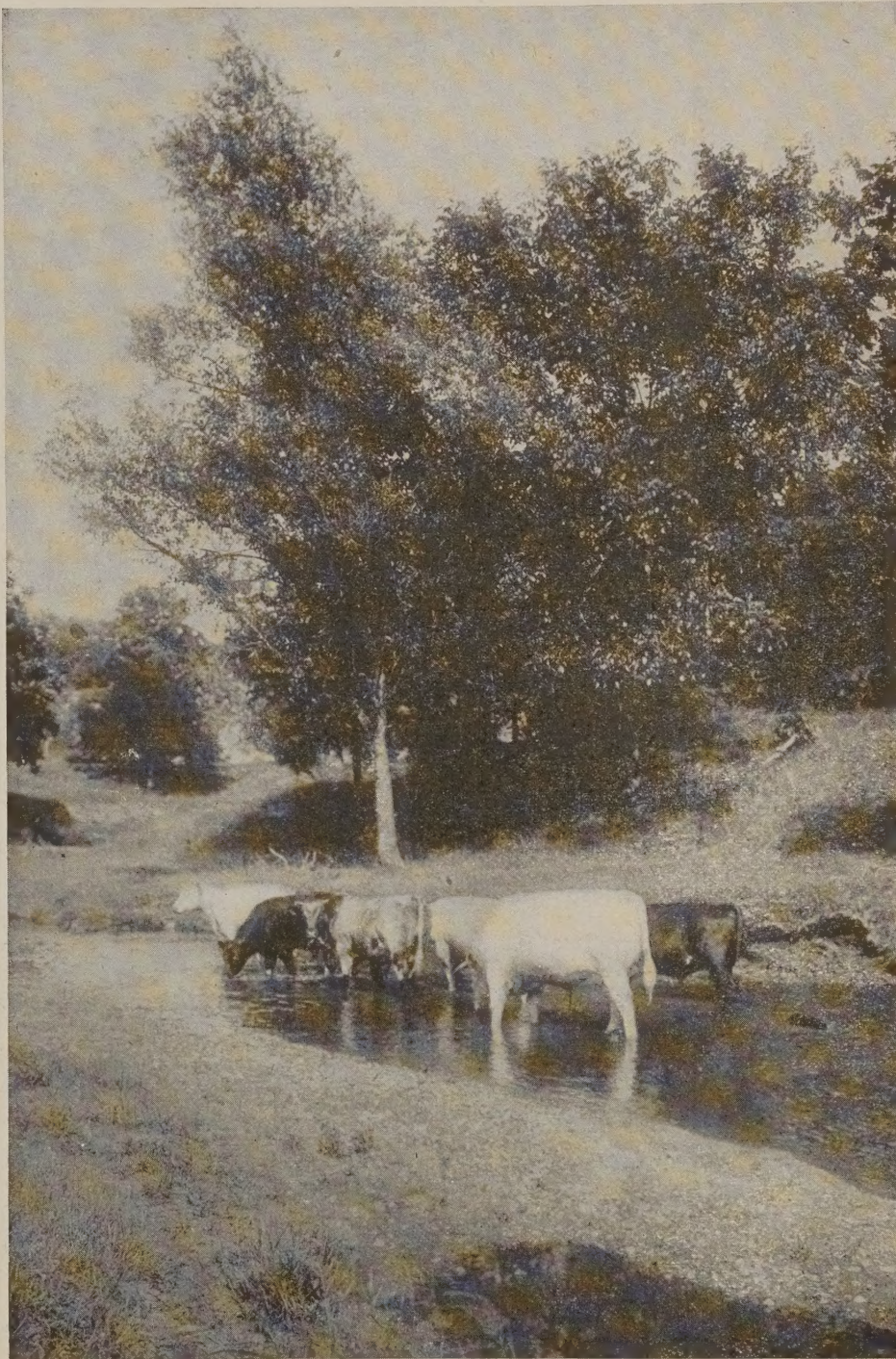
None other like the cow. There is not a thing from nose to tail but what is utilized for the use of man. We use her horns to comb our hair, her skin is on our feet and horses' backs. Her hair keeps the plaster on our walls, her hoof makes glue and her tail makes soup. She gives us our cream, our milk, our butter and cheese and her flesh is the meat of all nations. Her blood is used to make our sugar white, her bones when ground make valuable fertilizer, and even the contents of her paunch she has herself put through the first chemical process for the manufacture of the best quality of white board paper and now it has been discovered that that paper can be made into the best false teeth. Oh, you who would abuse the cow, I wish that I could for once take from your table as you are about to sit down to the evening meal all that the cow has placed thereon. I'd take up the cup of milk sitting by the baby's chair. I'd take the cream biscuit, the custard pie, the cream for coffee, the butter, the cheese, the smoking roast of beef or steak or the sweet corned plate of juicy meat. In fact, I'd leave you to make your meal upon Irish potatoes, beet pickles and toothpicks.

No other animal works for man both day and night; by day she gathers food and when we are asleep at night she brings it back to rechew and manufacture into all the things of which I speak. She has gone with man from Plymouth Rock to the setting sun. It was her sons that drew the prairie schooner for the sturdy pioneer, as inch by inch they fought to prove that "Westward the Star of Empire takes its way." And the old cow grazed along behind and when the day's march was done she came and gave the milk to fill the mother's breast to feed the suckling babe that was perchance to become the future ruler of his country.

Who says that what we are to a great extent we do not owe to man's best friend, the cow? Treat her kindly, gently, for without her—words fail me to describe.

It was the cow that made it possible for man to change the great American desert into a land of happy and prosperous homes. When she came the buffalo disappeared, the Indian tepee gave way to the church, schoolhouse and home, and where once the wild wolves howled today children prattle, grass grows, flowers bloom and birds sing.

The above eulogy was made a part of the Shorthorn Record in the office at Springfield, Ill., also in Canada. It has been printed in five different countries and translated to their language. It was used by a United States Senator in a speech in the Senate in speaking against the Oleomargarine Bill.



Courtesy C. F. Curtiss, Ames, Iowa.

One of Nature's Beauty Spots Adapted to the Making of Good Shorthorns

Observation and Experience

By W. A. Dryden

Brooklin, Ont.

It is always interesting to be in the company of Shorthorn breeders and particularly so during the past two or three years. Wherever one may meet them the conversation soon drifts on to the subject uppermost in their minds and very often is not completed without an inquiry if the other fellow has any females for sale. In most instances each man is sold out and would prefer to add a few select animals to his own herd. This is an indication that breeders' herds have been picked over and that the cattle have gone into new hands. It is not a case of established breeders trading and dealing with each other, but new herds are constantly being established, and this particular fact appears to me to be the best guarantee for the future welfare of the trade that one could ask.

The present insistent demand for good Shorthorns of established blood lines is not the result of artificial boosting by men in the business, but comes from outside sources and from men who want the cattle and who have the money to pay for them. The real foundation for our pure-bred cattle business is the demand for bulls to be used on grade cows for the production of animals which find their way to the butcher. It is therefore natural, with an acknowledged shortage of beef cattle the world over, that every Shorthorn breeder, great or small, should experience an increased demand for the productions from his herd.

The high price of beef and keen demand for breeding cattle is not altogether the result of the great European

war, for previous to the outbreak of this terrible conflict all reports were indicating that the world soon would be short of meat. That this has proved to be the case is verified by statistics which come to hand from time to time. As our centers of population grow the demand for meat increases accordingly, and the production, in proportion, is apparently smaller than it used to be. Thus, when the condition of trade is increased at one end and reduced at the other the situation becomes doubly acute. We are told that the oldtime range proposition is passing and that the large herds of cattle in the open country are almost gone and in the place of this condition our meat supply is to come from the smaller farms where mixed farming is the order. With a world shortage of meat and new conditions prevailing, it appears to me that it will be a long, long time before production will overtake consumption.

After this war I look for a slowing down in all lines of business. I am not pessimistic, but what great war has ever produced a boom? It may be good for us to check up a little. I do not look for a prolonged period of hard times, but many lines of business will cease and many people will have to engage in other work again and in the process of reorganization prices of many things produced on the farm will undergo a readjustment. This may not affect the demand or the price of good breeding

Shorthorns, and I do not consider that there is any possibility of the "bottom falling out of the business." As breeders of Shorthorns on the North American Continent, I believe the future holds much of promise regarding a splendid, steady trade for everything which we can produce of good quality and standard breeding. But why is mankind always trying to look so far ahead? Is it not best for us in our breeding operations to keep going steadily forward with an eye to the present and just the immediate future, always having in mind the improvement of our herds, and if our efforts are successful will not the distant future surely look after itself?

That breeders in the United States have no cause for worry is fully attested by what I saw and had the privilege of judging at the late American Royal Show in Kansas City. There was abundant evidence that you have men in the business with their heart in the work of the development of the breed. Men who have ideals and, following these ideals, are achieving wonderful results. The entire show was quite remarkable, especially in the younger classes and the groups. In almost every entry there was merit, and in each class those at the end of the line would measure up to a good standard. Uniformity in type, conformation and good colors made a very excellent show. In each case the exhibits were in most creditable condition, and there was little to find fault in this regard. In my estimation the most interesting and instructive classes were the groups, especially the young herds, calf herds, produce of cow and get of



Courtesy F. A. Gillespie, Tulsa, Okla.

First Prize Aged Herd at the International

Photo by Risk

sire. Any breeder may produce an outstanding animal occasionally, but the man who can breed, develop and win on any of the groups mentioned, in such a show as the American Royal, can feel that his work has not been in vain. Here is the telling score in proving good judgment in mating the females with certain sires, and here it is that we prove the value of the prepotent sire, and here most of all uniformity counts. Not necessarily uniformity in size and color, much as these characteristics may be valued, but mostly we must have uniformity in type and breed character. A group in any show should be composed of animals, each and every one a good one and as nearly alike in general conformity and type as possible. A calf herd with one outstanding animal does not measure up as a group to the herd having a good animal in each position, but may be lacking any one of a sensational order. This was the feature of the Royal Show—the uniformity of excellence of its herds and groups. The blood of the good breeding bulls was in evidence and presented for me the hard-

est problems of the show. One could not fail to see the results of the use of Sultan blood, or of Villager, or of the Cumberlands and others. The influence is far reaching, even spread throughout the whole show. One is led to wonder what might have happened had not these bulls been born, or if they had been placed in hands where they or their progeny would never have been known. Would others of equal merit have stood in their places or would the work of improvement have been at a standstill for the need of outstanding sires?

In a recent publication Mr. F. W. Harding very kindly referred to my appreciation of the attitude of the owners and herdsmen after the show was over. When asked to perform the task of judging at the Royal I naturally hesitated in accepting because at this show so many winners and champions come together for the first time. The exhibitors on the Eastern circuit follow the same shows and those on the Western circuit follow another line of shows, so that on each circuit they come together several times, and as regards the competition they have met every ex-

hibitor knows pretty well where he stands. It is hard sometimes to carry a champion through so many shows and here for the first time be turned down for such honors, or possibly take defeat in class. I have been through the mill of experience myself and know how hard it is under certain circumstances to "grin and bear it." It takes a supreme effort to bring forth the grin, sometimes one feels as if his jaw would break rather than move just a little to give expression to deceive his feelings. How he would like to say a word or two in the ear of the judge and after the decision is made what a relief it would be to say a few words "at" him. The success of a herd depends very largely on the herdsmen, and when an honest effort is made to come out in winning form it is very discouraging indeed to have to take second place. In view of all the conditions in connection with such a show as the Royal, I feel it is not out of place for me to state again that the good spirit in which the men received the decisions had much to do in making a very difficult task, to me, a very pleasant one.

Address at the Annual Association Meeting

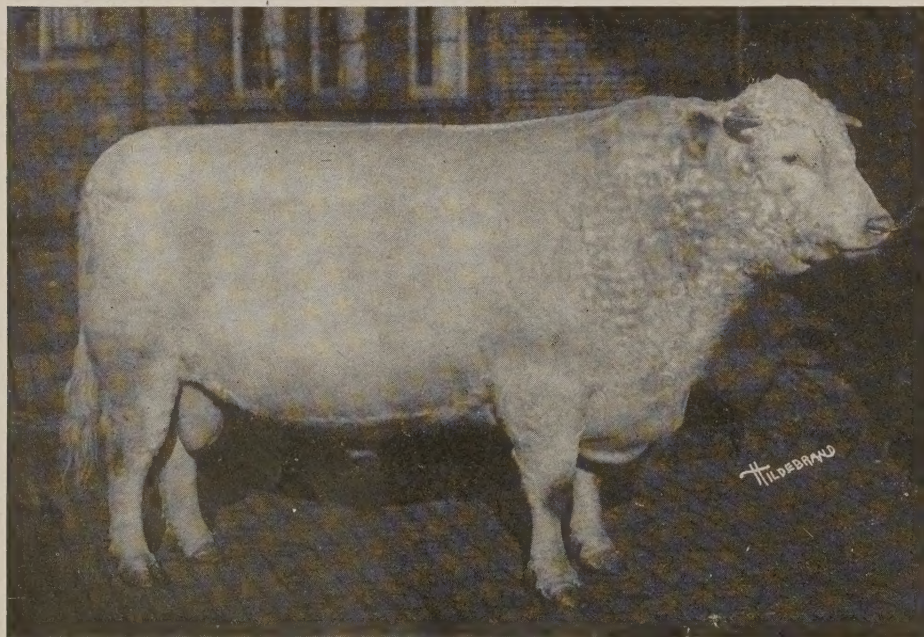
By Robert Miller

Stouffville, Ont.

Mr. President and Brother Members of the Shorthorn Fraternity of all countries, for I have found in my travels that there is only one real, genuine Shorthorn Association. The members of that Association live in all countries that I have visited. They are all one fraternity, all working for one purpose. Allow me to congratulate you, in the first place, on the success of this and many other meetings that I have attended of your membership. One of the most pleasant and, I think, perhaps, in that line of life the most pleasant experience of mine was to go and represent you and the Inter-

national Association in the Argentine. Every moment of the time that I was away from home I saw something that was absolutely new to me. The countries that I visited were countries that I had never seen before. The trees and plants and flowers and fruits and everything that I saw was new to me, but at the very end there was something that I was thinking of, something that I wanted to see, and, in fact, always

wanted to see, and perhaps but for that invitation you gave me, the commission you sent me on, I never would have seen it. For a great many years I have met the men in England and in Scotland who were buying Shorthorns to take to the Argentine. I saw what they were doing. I saw that they were good judges and I also saw that when they found an animal that suited them that animal had to be theirs, no matter what it cost. I wondered what they were doing with those animals after they took them home. I wondered if they were making the most of them, and it has always been a matter of wonder to me whether they were doing that or not. We know that in this country the best use is not always made of the animals that we bring here. I was anxious to see if they were getting all the benefits from those good animals that they could get from them after they got them to the Argentine. When I reached there I was amazed and pleased beyond all description to find that they had made splendid use of every opportunity that those good animals gave them. I found that they had not only saved the good things that they had taken there, but they had improved on them to a very great extent, and I took the privilege on the one occasion that we had down there of telling them what I thought of their exhibition. I had the privilege of telling them that I thought that they had done wonders, that they had done more perhaps with the material that they had, taking those from the breeding grounds in the old country and the few that they had taken from this country, they had done more perhaps than any other body of men could have done on earth. I believe that they



Courtesy A. F. & G. Auld, Guelph, Ont.

Burnbrae Sultan, International Senior Champion Bull

have the best natural cattle breeding country there is in the world. I don't think there is any doubt about it. I believe that in taking the men there all in all, one with another, from beginning to end, that they compose perhaps the cleverest lot of breeders to be found in any part of the world. That is saying a great deal, but I thought that they were worthy of these words and I put them to them just as plain and as strongly as I could. I was impressed very, very favorably with those men. They were the kindest men that I ever came in contact with. I believe that a great deal of that kindness was shown to us because



Senor Pedro T. Pages

we were sent there as your representatives, and because Mr. Harding had gone there and paved the way for us before we went. We found he had made splendid friendships, friendships that will last and that will be for the benefit of this Association for all time to come. So it was easy for us to get in on the ground floor, and to be listened to and to be talked to in a friendly and kindly way.

When I say to you that they showed us there exactly eight hundred Shorthorn bulls that were catalogued and that one hundred besides were turned away from the show because they showed such evident symptoms of the foot and mouth disease that they thought they could not allow them in; when I tell you that they showed us eight hundred bulls and that it would not be a stretch of the imagination or of the facts to say that every bull in that lot was a good bull, I think you will admit that I have good reason for trying to pay my compliments to those men with regard to the great

success that they have made in improving the cattle.

With regard to the men themselves, the men who are engaged in agriculture and in breeding are the men of that country. They are the society of that country, both in the city and the country. The rural society is the strongest agricultural society of its kind in the world any place. They have the most comfortable quarters, they have the greatest objects and aims and they practically have control of the government of that country. We are inclined to think that the control of that government is in pretty good hands when the agriculturalists have a very great say. It is an agricultural country. The agriculturalists have made the country, and the wealthy men of that country have made their wealth in land and in cattle. They have the broadest, finest acres of any body of men that you can describe as being inhabitants of any fertile country, and those broad and fertile acres are inhabited by cattle, and the cattle are Shorthorns. That is the country where cattle is king, and, I think, when cattle is king in any country and the cattle are Shorthorns of the very highest grade that country is under a mighty good form of government.

They treated us with every kindness and generosity, altogether beyond our deserts, only as we deserved that generosity through the associations that we were representing, and we owe them every gratitude. I am very glad to see the worthy, splendid men who came here to judge of the exhibition, because they are men of very, very high standing among good men in that country. I believe that they are good judges and I know that these men do just exactly as they think they ought to do, and they could not be swerved from placing their own opinions on the judgment of the classes that are put before them here. I don't think that any man who knows them would like to go to any one of these gentlemen and say that there was some reason, some selfish reason why they would like to have some animal placed in a certain position. I think you are absolutely safe, because it would have an influence altogether the wrong way for the man who made a statement of that kind.

These men are splendid breeders. Mr. Duggan has in his possession the whole Cruickshank herd as it was bought and removed from Scotland a great many years ago. His father was a Shorthorn breeder for a long life. I could not name the number of years, but in all that time he never sold a female. He kept every one of them. None of these gentlemen have any female Shorthorns for sale. They sell their bulls, and Mr. Pages sold twenty-nine bulls this year for an average something over \$7,000 in their money or \$2,900 of our money at their sale at Palermo.

Just after the exhibition Mr. Pages, one of the large breeders there was offered \$50,000 in their money for his champion bull, as a first bid, if he would put him

into the auction sale. He said he could not spare him. Another gentleman stepped up to him and said he would raise that \$10,000, that he would offer him \$60,000 if he would put him in the ring, and a third man said he would start it at \$70,000. The other two men wouldn't get a chance, and I candidly believe that if that bull had been led into the ring and sold by auction that he would have brought over \$100,000 of their money. These gentlemen are to a certain extent authority on the breeding of pure-bred animals, and when they come and say to you that such a valuation as that is foolish, it is stupid,



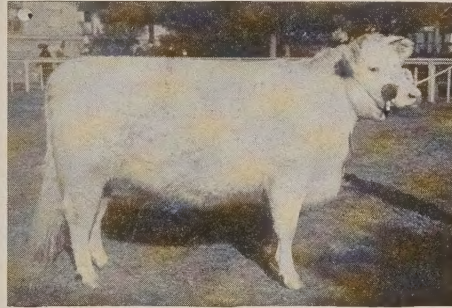
Senor Carlos M. Duggan

you can tell them that there is some sense to it after all, because I know that men there have paid that much. One man paid \$80,000 and he got his money back in a very short time from the improved value and increase in value in the progeny of that bull. The champion bull at the Royal Show was brought over there and he was sold at a very big price, and not a single calf of his will ever be registered in their herd books. He will be turned in with a herd of splendid cows, pure bred but unregistered. He will be used to breed the highest class of what they call camp bulls to be turned with cows nearly as good as himself. This man had 1,200 cows of the very, very highest Shorthorn grade, and that is saying a tremendous lot. I doubt very much if any man in America could put together fifty cows that are as good as the average of his 1,200, and he buys the very highest priced bulls, the very highest class bulls to breed them, and does not register the calves at all. The

cows are not registered, though they are pure bred and he uses the bulls himself. He is a whole community within himself. Here you have the different grades of breeders. The men breed the highest class of bulls to head the best herds. Then you have those best herds breeding bulls to be used by the secondary man, if you like to say that there are such things in the world, and then you have those men breeding the second classes of bulls to go to the farmers for crossing and grading purposes. This man does that all within himself. He has the special herds, the best cows that he could possibly breed, and he has been trying for a long time to improve his herd. He places these very valuable bulls with this herd to be used, and then he uses their progeny on his 1,200, or whatever number of really very high class cows that he has, for breeding camp bulls to be used on a splendid great, large number of cows that he has grazing on his thousands of acres of

land. So that he uses them all himself, and there is no object in his recording the pedigrees, for that is the way they look at it. It seems a great pity that these fine animals are to a certain extent lost to the breeding fraternity, but that is a fact.

There is just one other thing that I want to mention, one thing that pleased me perhaps beyond all others.



A Type in Favor in Argentina

The young men are brought up with everything in the form of luxury surrounding them and they take just as much interest in cattle breeding as the older men. There is no such thing as going in and out there. There is no man who goes into the business for two or three years to make some money out of it and to sell out again and go into something else that he thinks he can make some money out of. They are in it as their life work. The greatest object that a man can have is to improve the domestic animals that are placed under his care, in the opinion of those men, and their sons have no further ambition, have no greater ambition—they have everything that education and refinement and good breeding can give them—and they think they can expend those abilities in no better way than in improving the Shorthorn cattle, and it is a worthy work. You may be sure that they are always going to make a success of it.

Shorthorn Expansion

By Dean C. F. Curtiss
Ames, Iowa

One of the chief factors in the development of Shorthorn interests is the wide range of adaptability of the breed. Wherever favorable agricultural conditions are found in the temperate zone on either side of the equator, the Shorthorn is quite certain to be at home. It is the most widely distributed of all the breeds of cattle. In our own country we find the Shorthorn pushing into new territory and aiding materially in putting farming on a more profitable basis. There is room for much more expansion of Shorthorn production in the United States. Across the line, in the Canadian Northwest, the pioneer type of farming is already given away to stock farming, and in this transition the Shorthorn is the chief factor. Some day, no one knows just how soon, the Mexican bandit will again return to peaceful pursuits, and Shorthorn blood will be largely concerned in restocking the ranches, and in restoring modern civilization.

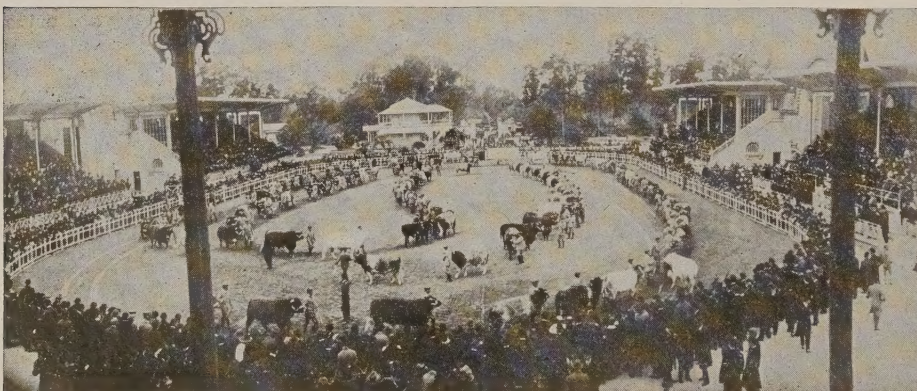
South of the equator, even before you get out of the tropics, you find the dominant influence of Shorthorn blood trans-

forming the zebu and the old spanish cattle stock into a more modern and profitable beef producing type, and as you pass Southward into the interior of the pampas of Argentina, you find the Shorthorn supreme in the heart of the richest cattle producing region on the western continent. Go on over the seas into South Africa, Australia, and New Zealand, and again you find the Shorthorn closely coupled with the advancement of better farming and better civilization. This expansion speaks significantly for a breed that has stood the test of so many years under so many different climates and conditions, and that invariably contributes to the welfare and the happiness of mankind in every land. No one need worry about the future field of a breed so widely distributed and so securely established.

Great Britain has thus far been the chief source of seed stock for the wide distribution of this most cosmopolitan breed, and the British breeders have rendered a highly creditable service in the great colonizing and stock improvement work of that country.

The breeders of the United States have been busy improving the stock of our own country, and occasionally sparing a few to other lands. We have arrived at a period when we can well afford to consider the expanding market of other fields, and strengthen our own live stock interests by supplying a part of this demand in foreign countries. There are some breeders who take the position that we need all the good blood we have for the improvement of our own herds, and that we have none to spare. I do not share in that view. Nothing will give greater stimulus to our Shorthorn interests at home than to have their merit recognized by other countries, and the filling of some foreign orders each year, even though it takes some of our best stock. It is a safe prediction that, taking a look ahead for a reasonable length of time, for all the good stock we furnish other countries, we will have correspondingly more at home. We will also have correspondingly more breeders permanently engaged in the business. Great Britain has for centuries drawn heavily from their own studs, herds, and flocks to fill foreign orders, and yet no one knowing the situation, can question the fact that the purebred stock interests of Great Britain have profited by this trade, and that British herds are stronger today than they would have been without this world-wide trade. Nothing so stimulates an industry as a good demand for its products, and the purebred live stock industry is no exception.

Just now the South American field for Shorthorns is of interest. This field comprises the Argentine, Uruguay, Chile and Brazil. The industry is already well developed in Argentina and Uruguay. It will take good Shorthorns to meet the demands of these countries. The very



At Palermo, Argentina

best that our herds afford will be required for this exacting market. Argentine Shorthorn breeders know what they want, and they are good judges. They are more exacting about level quarters and smooth tail heads and standard colors, and rather less exacting about smooth shoulders, than our breeders. Good heads and horns are essential, and the standards for Shorthorn type and character are about the same as in our best herds. The popular pedigrees here will meet approval there, though in general they are rather less exacting in this respect than the breeders here. A good animal with a good pedigree will be essential in every case for two prices. Animals intended for the Argentine shows must be in prime condition. No show on either continent brings out so many well fitted animals as may be seen in the Shorthorn rings at Buenos Aires. Stock from north of the equator is handicapped by the long voyage and quarantine; and six months of preparation after arrival will be necessary to put them in good form.

Complete and exact pedigree and herd records are absolutely essential. There must be no uncertainty about pedigree and identity of animals when they ar-

rive in Argentina. The trade is exacting in this respect, but not unduly. The Argentine cattle men are men of big affairs and good business methods. They are men of a high sense of honor and they give their confidence freely where

the conditions warrant. Without confidence there will be no business.

The South American trade is worth cultivating. The expansion of our field for Shorthorns will mean more good cattle at home.



Courtesy Pedro T. Pages

Camp Hero, Grand Champion Bull at Palermo, Argentina

Address of President Reid Carpenter

Within the recollection of the great majority of us there has been no such prosperous year for the breeders of Shorthorn cattle as the year just passed.

We have every reason to hope that the year to come will be just as prosperous. The whole country is making such rapid strides in wealth and in population, that the demand for good cattle and good live stock of every description is unprecedented.

Of all the beef breeds of cattle the Shorthorn stands at the head. The other breeds have in a few localities a preeminence, but in all beef-breeding countries, whether in Great Britain, the Argentine, South Africa or the United States, the Shorthorn is preeminently the farmer's cow, and over the world, in all beef-producing countries, the Shorthorns outnumber all other beef breeds combined.

The American Shorthorn Breeders' Association is not only the pioneer pure breed stock association, but it is, at the same time, the best organized, the most harmonious and the most prosperous of all the pure breed stock associations. The future of the association, its usefulness and its growth depends almost entirely on the members of the association who are here tonight. This association is the executive head of an industry that rivals in its magnitude and in its usefulness the other great industries of the civilized world.

In its magnitude it stands on the same plane with steel, with rubber and

At the 35th Annual Meeting of the Stockholders of the American Short- horn Breeders' Association, Dec. 6, '16

with the other great industries of the country.

In its usefulness there is no land and no people where the product of the industry does not find a ready market and an increasing demand.

The breeding of Shorthorn cattle is purely a manufacturing proposition. Each farm on which Shorthorns are bred is either in a larger or smaller scale a manufacturing establishment, and the manager has before him always the two problems that confront every manufacturer; these are, the problem of production and the problem of sale.

The breeder in his production department must have good material to start with—good cows and good bulls; the product must be well finished to find a ready sale. In the sales department he must find a market either by entering the show ring or by judicious newspaper advertising, or by both.

The American Shorthorn Breeders' Association was originally created and organized simply for preserving and publishing the records of pure bred Shorthorn cattle and throwing around the

records such safeguards as would insure the pedigrees being kept straight and assuring their reliability. This was the only function of the association for many years. Through the growth of the business and the large development of the industry the functions of the association have been very much increased and enlarged.

There are now in the United States about 20,000 of these larger or smaller establishments engaged in the manufacturing and selling of pure bred Shorthorn cattle. And this association should be, as it were, the clearing-house for all these establishments.

The association can have but one source of income, from the recording and transferring of cattle, but this income should further develop and the surplus continue to be used to further the extension and expansion of the business. The receipts of the association, from the report of your Secretary, you will notice were 100% greater in 1916 than they were in 1915, and nearly 300% greater in 1916 than the average per year for the six years preceding 1915.

All of this revenue, after paying the expenses of running the office, should be and is devoted to fostering and extending the business of the association. For many years we have made large appropriations to state fairs and the larger shows. I believe that both the Board and the members of the Association feel that this practice should be extended to the smaller fairs and shows

in every case where there is an interest taken in the breeding of Shorthorn cattle.

During the past year the Association has distributed over 100,000 copies of its literature, and this work can very profitably be enlarged. There are now organized about thirty state, county and district associations, scattered all over the United States. This number should be largely increased during the coming year. These associations can and will, both by example and teaching, do a great work in their communities in spreading the gospel of good farming, good feeding and good breeding.

The combination sales held this year, both by the Iowa and Ohio associations, did a great work in affording the smaller breeder a market for some of his product and in teaching that good feeding and good fitting were essential to the breeders success.

You who have good cattle and feed them well must of necessity be good farmers and have good farms, farms that are growing better and the land fatter and fatter. Each year you are adding to the fertility of the soil and making it more productive, and growing two blades of grass where one grew before. This problem of production of foodstuffs and of feeding the teeming population is one of the great problems of the future, and it can only be worked out through better farming, and better farming can only be brought about by better feeding of the soil.

The great agitation of the question of rural credits and most of the talk of special legislation for the farmer is clap trap and political sophistry. As a rule, the farmer is entitled to and needs no more legislation than any other manufacturing business or class, and, as a rule, he can borrow all the money he ought to have if he is intelligent, thrifty and industrious, and nothing will put

him in this class quicker, or sooner make him independent than to induce him to breed good stock, and by breeding good stock to feed his land.

I was told or read, that in Waukesha County, Wisconsin, a number of years since, among the Guernsey cattlemen there was inaugurated a community system of breeding pure bred Guernsey cattle and that through this community breeding this county has become the largest center of the Guernsey cattle breeding in this country, and that in the past year there have been sold from this county over \$500,000 worth of pure bred Guernsey cattle.

It seems to me that this system of community breeding opens up a new field for the activities of this Association. We have a number of field men who are each doing a good work in furthering the interest of Shorthorn cattle and in extending the usefulness of the Association. The scope of the duties of these field men can be enlarged and the system of community breeding of Shorthorn cattle be built up and encouraged.

It is a great thing for any community to be the center for any industry. It fosters greater efforts to produce a good product in whatever line it may be; it fosters and establishes a better market for its product. Let no breeder of any line of good pure bred stock think that the market will be glutted in this generation—especially for good cattle. It is predicted by eminent statisticians that the population of the U. S. will in 1950 exceed 200,000,000. If this is true, where is the meat coming from to feed such a population?

Over one hundred years ago the Shorthorn bull Comet in the Ketton dispersion sale sold for 1,000 guineas, or \$5,000, and his daughter Lily \$2,050, and another daughter, the Countess, sold for \$2,000, and the general average of the

sale was over \$750. And this in a country where a dollar has always meant more than in the U. S., and at a time when money was by no means as cheap a commodity as it is at present.

Ever since the days of Comet, or for over one hundred years, with now and then a slump, the market for Shorthorn cattle has been such as to afford an encouraging profit to the breeder.

It is the same in the business of breeding cattle as Webster said it was in the practice of the law, "There is always room at the top."

In the coming years, with the market of all beef breeding countries opening up to our competition, we can see nothing but an increased prosperity for the Shorthorn industry. With the best breed of cattle, with the best organized Association, with as high a class of membership as any breed society, with united efforts and an honest endeavor, how can the business fail?

Blessed is the man who is born an optimist, who sees a silver lining to every cloud, who has faith in his destiny and a love for his business; who has faith in the prosperity of his country and a love for the land, who a few defeats do not discourage and a few failures do not dishearten—who will take for his motto the spirit of a verse of newspaper poetry I once saw:—

If you strike a thorn or rose,

Keep a going—

If it shines or if it snows,

Keep a going—

Do not sit and whine 'cause no fish

Are on your line,

Bait again and keep a trying,

Keep a going.

The report of one of the field men will explain what work is being done by these employees of this Association. A brief summary of the work done by him during the past year is as follows:



Courtesy F. A. Gillespie, Tulsa, Okla.

International First Prize Get of Sire

Photo by Risk

He attended seven Shorthorn breeders' state associations, helped to organize two associations, attended eight state fairs and national shows. Attended ninety-six public sales, and called on approximately three hundred breeders.

He managed combination sales in which 100 cattle were sold. He bought in individual lots 100 cattle.

He bought for carload shipment 588 lots. He located for other parties who bought in carload shipments 700 cattle.

All of this work being done in the Middle West and the cattle all dis-

tributed in the states of Nevada, Utah, Idaho and Oklahoma.

There is one more matter to which I wish to call your attention, that is the work that is being done to open up our trade with the Argentine. The Board believe that in the past year very substantial progress has been made in this direction, but that it will take time and patience in its prosecution.

Great Britain has had practically all this trade for many years, and it will take an honest effort to get our share, but the relations now established ought to lead to great things in the future,

but we must send them some of the best cattle we breed and in the best condition.

They are a great, a prosperous and an intelligent people, and their confidence can be won and kept only by honest and liberal dealing.

In conclusion, I can only urge every member of the Association to do all within his power to promote and maintain unity and harmony, to breed good cattle, and feed them well, and support the Board in its efforts to build up, extend and establish the prosperity of the breed.

The Call of the Kine

By H. O. Weaver

Wapello, Iowa

A boy who has been so lucky as to spend his early youth on a farm, enjoyed the atmosphere of a rural community and touched, in its true sense, mother earth, possesses a memory film which is never fully developed until he arrives at manhood. Stamped upon his mind are the beauties of nature and the great possibilities of its development. It develops into a fascination which, in mature manhood, becomes a realization and a desire to return to the thoughts of his youth—a desire and longing for the companionship he left perhaps a quarter of a century before.

Men of profession, who grew to manhood on a farm, who were in love with the freedom of fields and forests, and although apparently content with a successful business career, never forget that they were once children of nature. Dealing with men and stocks year after year, it becomes irksome, and they yearn to get in touch with a part of life's work which is an enjoyment in reality. Such a man, if he has kept pace with the development of the agricultural west and the character of men and methods, which has brought about its development and advancement, becomes eager to get in touch with the soil again, to gratify the ambition of youth and join the great army of western development; to purchase a tract of land and improve it; stock it with cattle and horses; associate himself with the producing forces and spend at least a portion of his life with the things he really enjoys.

Having been reared and grown up in a rural community, attended the country school, college, and diligently followed a professional career for twenty-five years, it dawned upon me, that, perhaps, I was not getting all that was coming to me out of life; perhaps I was not doing my part in the great development of the natural resources of my own community and state. I loved the landscape; the cultivated fields and running streams; the companionship of cattle. Shut up in my office and court room, with the troubles and contentions of clients, I was jealous of the men who cultivated the fields with system; who were delighted with the breeding of profitable cattle and hogs; men who seemed to be really

doing something in the world, and although few of them college bred, they were doing a great work in the improvement of rural communities, thus laying a stone in the foundation for the up-building of a great state.

I purchased a stock farm some two miles from my home, bordering on the Iowa river. More than half of it already furnishing luxuriant blue grass pasture. I was opposed to the theory of owning a farm and renting it and was next to answer the question, "How shall it be operated and what shall it produce to insure not only a profit, but make the land more fertile and at the same time find some enjoyment in the adventure that was to be undertaken?" I concluded that cattle production, owing to natural resources, must be my main object, and I began a systematic investigation of the kind of cattle which would prove the most useful and interesting, as well as profitable, on a farm located in the center of the great Corn Belt of the West.

To improve the cattle of my own community, it must be a breed that the farmers would be interested in; one ad-

apted to his wants; a breed of cattle that would be profitable as milkers; prove remunerative in the feed lot and lucrative when put upon the block. Much time was given to this subject; my library was soon filled with histories of the breed, both English and American, as well as the periodicals and bulletins on the subject. I visited the cattle breeders and had interviews with very many interesting characters on the subject, who had had the actual experience for many years, and having given the subject full consideration, I became very much interested in the history and development of the Shorthorn breed. The subject became more interesting when I found the great influence the breed has had upon the world's development; the great profits that have been shared by almost every country where the Shorthorn cattle lived. I well remember the influence that they had in this community. The early settlers discovered their dual qualities. Especially do I recall the old Durham cow that was held in such high esteem in my father's family and what a reliable friend she proved to be. When a boy, my attention had been directed to small herds of Short-



Courtesy Bellows Bros., Maryville, Mo.

Village Supreme, International Grand Champion Bull

Photo by Hildebrand

horn cattle and the great demand by feeders of that time for the grade calves in my own community. I found a lasting acquaintance with the leading breeders in America. I found them universally men of high standing, honorable, truthful and in love with the business. I was particularly struck with the personality of a great many of the early breeders; impressed with their manhood, intelligence and painstaking and the degree of interest they manifested in a young breeder. In the ranks of the Shorthorn breeders I have found some of the most lovable characters that I have ever been privileged to meet. When I joined the Association I found an organization managing their affairs on a broad business plan, the main object of which was the upbuilding of the

breed. I am proud to be a member of its ranks, as it has given me great satisfaction to be associated with this body of men.

With the aid and assistance of many friends, I began to build up a herd of Shorthorn cattle at Uppermill, now consisting of about two hundred head. Many valuable animals were secured from the different herds. The most important business venture was the purchase of Imported Villager and fifteen head of the best breeding cows from the D. R. Hanna herd, and with this herd came to Uppermill, Mr. John Garden, whose reputation as a cattle man is well known in the breeding fraternity. Our business has grown. Representative cattle from nearly all the leading American herds, as well as some of the

English herds, are to be found in our pasture lots. They have proven a great satisfaction, as well as profit. We are not only recompensed by the breeding and sale of cattle, but soil improvement, by reason of the herd, is of great value to the real estate. They profitably take care of the things we can well raise, viz: Corn, clover, alfalfa and blue grass.

The spirit that led me into this field of thought, I find, has prompted other professional business men to engage in the same pursuit. I find them successful and interested in the work of breeding. I think it may be said, without contradiction, that the reds, roans and whites are best adapted to satisfy the country's demands; they have paid greater dividends in the world's market than any other breed of cattle now in existence.

A Case of Real Affection for Shorthorns

By James Atkinson

Editor of the Iowa Homestead.

Many a time I have warmed my bare feet on a spot where a Shorthorn cow spent the night chewing the cud of contentment and at peace with all the world. There and then there developed in my heart an affection for the old red, white and roan that remains yet as true as the needles of the pole, though close to half a century has passed.

Few boys had better chances than those who lived in our community, and we were all given sound instruction on the principles of feeding and caring for cattle. We were prouder of our great big, bouncing, fat Shorthorn calves than of all our other possessions, and the friendly rivalry that existed in the community resulted in bringing our calves to a weight of 800 to 1000 pounds by the time they were twelve months old. They attained this weight without a grain of corn, but you may depend upon it that they never missed a meal of ground oats nor did they ever fail to receive a

full ration of turnips every day during their first winter. As our family needed the dairy products to purchase groceries and clothes for the growing boys and girls, our calves seldom received whole milk, and a goodly supply of this was fed for a period of four or five months, and, in addition, ground grain was used freely. The change from whole milk was made so gradually and the ration of grain so graduated that the calves would not even get dry in the hair, but always presented a glossy appearance. To the very letter the doctrine of giving the calves a "good time" was carried out. We were dealing not with grades, but with pure-breds, though registration papers had been allowed to lapse during a period of depression, and our cattle never could be recorded, though genera-

tion after generation they were improved by the use of blocky, well-fleshed Shorthorn bulls.

While conditions have changed radically in many respects since those early days, the fundamental principles of sound agriculture have remained unaltered. It is just as important to feed crops today to improved animals as it was then, and there is even a more urgent necessity for the retention of the fertility embodied in our grain and roughage crops. The fact that 80 per cent of the fertility in feedstuffs is available for the land on stock farms where sensible principles of feeding are carried through, this alone should be sufficient to stimulate interest in live stock farming. While there will always be an opportunity for the specialist—the man who will, on the one hand, devote all his time and energies to dairying, and, on the other, to beef production—still, the great middle ground will continue to be occupied by those who combine these industries.

While we had no scales to determine the exact amount of the milk given by our fine, big Shorthorn cows, and no Babcock test to determine its fat content, my recollection is that we used immense pails in our milking operations and these were generally filled at one sitting. No such prices for butter were then received as are now paid, but there was a substantial income, nevertheless, from the ten or twelve cows that were kept on the farm year after year. I cannot recall a single instance where steers of our own raising were kept on the farm longer than twenty-four months, and at that age they were ripe and well finished. On our present market they would bring considerably more than \$100 per head, and yet, as stated before, they were brought through on skim milk and grain.

Where there are growing boys to deal with on the farm every industry undertaken should have a bearing upon the welfare of these boys. The spirit of kindness should be developed in their hearts and generosity ever regarded as



Courtesy Bellows Bros., Maryville, Mo.

First Prize Calf Herd

Photo by Risk

one of the essential virtues. These qualities are engendered in no other manner so surely as in those cases where the boys are called upon to handle the right kind of live stock, and in this connection it would be interesting to know how many thousands and tens of thousands of lads have developed into stalwart characters because of the training they received while associated with the reds, whites and roans.

In caring for a herd of Shorthorn cattle it is found that every season of the year is a fruitful one, inasmuch as a steady income may be relied upon. This by no means indicates that farm work under this system becomes a grind. Indeed, the chief zest of life comes to us only when we engage with zeal in our every-day tasks. Farm work approaches drudgery only in those instances where there is lacking in our labor the elements that instruct and inspire. No man ever enthused over the work of caring for a mean bunch of scrubs; while, on the other hand, those who have the real live stock instinct implanted in their natures find in the labor of caring for the right kind of animals a new inspiration for every day's work. There is in the countenance of a good Shorthorn an appeal to the best qualities of mind and heart in man that can scarcely be described, and this appeal adds immensely to the pleasure of labor, and, indeed, in a deeper sense to the formation of stanch character.

The higher qualities of mind and soul can only be developed in the industries

under conditions of serene prosperity. While the making of the almighty dollar is not the ultimate end in itself, it is folly to assume that there can be a normal development of spirit, in an atmosphere of niggardliness. In this connection high praise might be given the Shorthorn, because it would be difficult for any individual to ransack his memory and find a single case where a herd of Shorthorn cattle failed to bring prosperity to their owner, and a recollection of the kind of prosperity that one associates with Shorthorns brings quickly to the mind fine examples of character building.

It is a pleasure to me to refer in favorable terms to the great breed championed by your beautiful magazine, THE SHORTHORN IN AMERICA. The task set before you is to undermine the popularity of the scrub, and in this you are attaining an admirable degree of success. You are meeting with rivalry from other breeds that is worthy of the great cause which all are trying to foster, and more and more every man should be encouraged to put in his oar when called upon to do so, and aid the breed that to him represents the ideal type that is associated in his mind with progress and prosperity.



Courtesy Fellows Bros., Maryville, Mo.

Photo by Risk

Group of Three Bulls Awarded the Dr. Pereda Trophy

Our Higher Compensations By S. C. Hanna Howard, Kan.

Naturally our business is more largely concerned with the pecuniary side of the breeder's occupation. The innumerable details incident to the management of a breeding farm afford abundant subject for profitable discussion. Few Shorthorn breeders are so happily situated that they can follow the business solely for pleasure and reputation. The inexorable condition imposed on the majority of us is, that we must make the business profitable financially. The necessity is so urgent that in our addresses and discussions we may appear to ignore what to many must be the most fascinating, and in the highest sense the most profitable side of this noble occupation. An occupation so ancient, and so honorable, that the highest dignitaries of the earth have from time immemorial been proud to be enrolled among its followers.

The universal standard by which our success or failure as breeders will perhaps be measured, is a pecuniary one, but it is one that takes no account of those higher compensations which may come to every breeder in abundant measure, regardless of financial failure or success. They cannot be estimated in the published averages. They are the silent compensations which form the undercurrents of the breeder's life and

may constitute his most permanent and enduring rewards, which, unaffected by panics or depressions, will abide with him to the end.

Men who engage in the breeding of live stock as a life occupation are, as a rule, natural enthusiasts, who are not much affected by the ups and downs on the market. They are born optimists and sometimes need the hand of a pessimistic banker to keep them in bounds; but they are an agreeable class to mingle with, or to have visit you. They can sympathize with your difficulties and rejoice at your successes. Therefore, I count the acquaintances and friendships formed, the interchange of ideas, and our mutual influence upon each other, with the pleasure we derive from mingling with kindred spirits, as among our highest compensations. Truly, they have a value that cannot be expressed in coin.

The breeding of pedigreed stock is a business that carries with it more than ordinary responsibility. The foundation of the whole scheme of certified pedigrees rests at last upon the character of the breeder. A proper realization of this fact will be a strong stimulus to him to exercise the greatest care in his management, in order that

his pedigrees may be reliable. It will have an important influence on his habits and character. It will cause him to venerate the memory of those great men whose names stand as monuments in the history of live stock breeding. Names which appended to a pedigree become a perfect guarantee of the blood lines, and stand for superior excellence like a long established trade mark. Such examples stimulate his ambition to attain such a reputation that his name also will give strength to a pedigree; and it may well cause him to cherish the hope that his efforts to improve his favorite breed will carry it a little nearer perfection. I regard the great stimulus and influence of these considerations upon the life and character of the breeder as one of the silent and unseen compensations incident to our business.

The breeding of live stock involves the cultivation of the grasses with their universal beneficence. The good green grass, that delicate miracle the ever recurring grass. The Western breeder has felt the thrill of triumph and delight which comes from covering the brown landscape of the arid West with an enduring mantle of green. He has experienced the supreme pleasure of making

two blades of grass flourish with "immortal vigor and aggression," where but one grew before. Under the intense heat of the most prolonged drought he has felt a new sense of security when he beheld his precious alfalfa responding with perennial verdure, and realized that his stock had at last "found a friend that would keep them to the end." The success of his struggles against the adverse conditions of climate has brought its compensations, and has awakened emotions equal in their influence to those experienced in the development of animal life.

The endless variety of natural scenery, with its myriads of animal life, gives a setting to the breeder's occupation that surpasses anything in art,

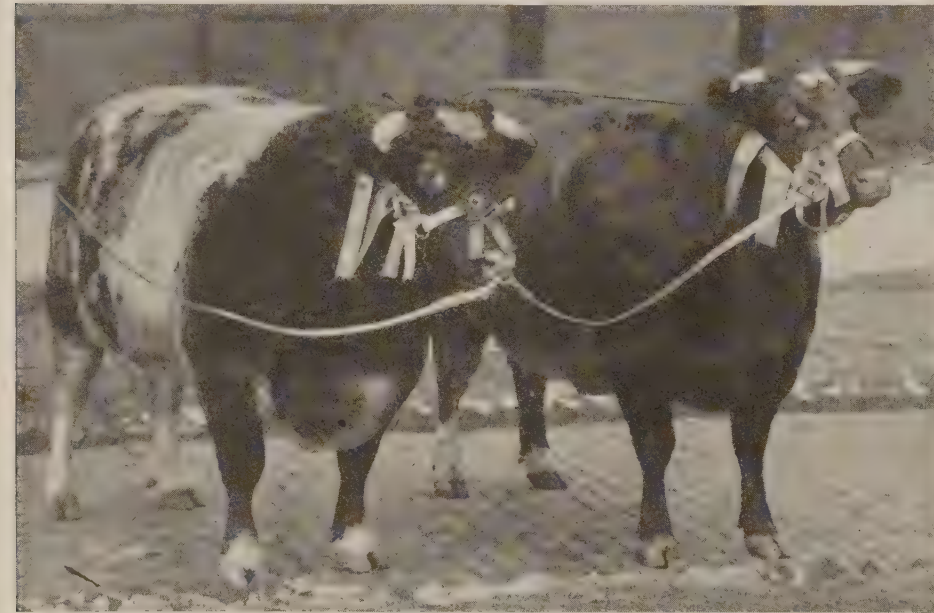
cause a loss of faith in the integrity of human nature, will be healed and the lost faith revived under the influence of these peaceful environments. There is nothing that will restore the mind to a healthful and philosophical view of life like the contemplation of domestic animals in a condition of thrift and contentment. "They are so placid and self-contained, I stand and look at them long and long; they do not fret and whine about their condition, they do not make me sick discussing their duty to God, not one is dissatisfied, not one is demented with the mania of owning things."

The influences of nature are all wholesome, and the natural powers of mind and body are awakened and stim-

iety, manifested in a menacing manner when she sees you approach its hiding place; to see the calves and colts separate themselves into little herds or groups; to observe the affection manifested so beautifully by animals for their young, reminding us that affection is a living principle dominating all life; to observe the placid contentment of the older stock, enlivened with the gambols and antics of their young, all enframed in the large "unconscious scenery," makes a picture that vivifies the landscape with wholesome and sane realities, and broadens our grasp of the universe.

All the domestic animals, with the conditions of their existence made favorable, repay us in a thousand ways for our trouble. And when the other surroundings are in perfect keeping, what a picture it all makes! Let the perspective be bordered with native woods and vistas of meadows and streams, with a chorus of songsters properly tuned by nature to fit the occasion, and the impression the whole scene makes upon the soul of the observer will remain to shape his thoughts and character ever after. And if, as some philosophers believe, it is by such impressions that the soul makes its growth, absorbing, always absorbing for the growth of the spirit, even from inanimate objects, how vast, indeed, are the advantages of the breeder whose life is lived amid surroundings that have a tendency to awaken those inward harmonies whose music makes the gladness of the soul:

"Oh, Earth! thou has not any wind that blows
Which is not music. Every weed of thine
Pressed rightly, flows in aromatic wine;
And every humble hedgerow flower that grows,
And every little brown bird that doth sing,
Hath something greater than itself, and bears
A loving word to every living thing.
All shapes and sounds have something which is not
Of them; a spirit broods amid the grass,
Vague outlines of the everlasting thought
Lie in the melting shadows as they pass,
And touch of an eternal presence thrills
The fringes of the sunsets and the hills."



Courtesy F. A. Gillespie, Tulsa, Okla.

Photo by Risk

First Prize Produce of Cow

and in its influence on the man is incomparably superior to all others. He enjoys the supreme blessing of living close to mother earth, from whence we all draw our sustenance both physical and spiritual.

In addition to these sources of pure delight, that go with him all the way, there is a fascination in the shaping and moulding of living forms to conditions of higher usefulness, that charms and holds the breeder of animal life in the face of many discouragements. It is a fascination that often causes him to persist after the hope of pecuniary reward has vanished. It is a fascination that has no relation to rate per cent or cold commercialism, but appeals altogether to higher senses. Absorbed in greater pursuits the ghost of the almighty dollar haunts him no more, and is the last vision to greet his mind's eye when he contemplates his friends and his cattle. The selfish struggles and innumerable strifes incident to the ordinary avocations of life are forgotten. The bitterness and disappointments, so often the outgrowth of business or political competition and which sometimes

ulated when the occupation and surroundings are congenial.

The breeder derives a peculiar pleasure from observing the results of his matings, and in watching the development of the new arrivals, as they confirm or deny the wisdom of each cross, some a source of delight and some a disappointment, but the intense interest of it always maintained. There is something almost creative in the breeder's power to influence the forms of animal life. If he is at all impressionable he will unconsciously absorb profound impressions from the deep significance of his operations, and something of the majestic solemnity of creation will be imparted to them. The unfathomable mysteries of life are continually before him. Working with divine materials, his power is always a living force, with the eternal mysteries at the other end.

To note the countless traits and peculiarities of animal life is a perpetual source of pleasure to the observing breeder. The profound wisdom of the old cow with her calf safely hidden from imaginary dangers, and her intense anx-

These suggestions but faintly indicate the inestimable rewards that are showered in unstinted measure upon every breeder who will open the eyes of his soul and absorb the lessons of the woods and fields and all human life. If any should think these are sentimental considerations, unworthy the attention of practical men, I would remind them that every step of human progress has been inspired by sentiment. It has been the moving impulse of every great achievement. When the perfect Shorthorn is produced it will be the living embodiment of some breeder's high ideals.

I am also well aware that every occupation has, in this sense, its higher compensations, but it seems to me that the breeder of animal life is blessed above all others in this particular. And if he be so fortunate as to be a breeder of the noble Shorthorns with their graceful outlines, their stately carriage, their kindly dispositions, combining scale and quality with such rare refinement in all their lines of beauty; with the developed and latent qualities to satisfy his worldly needs and highest aspirations, he is indeed blessed.

The Lamp of Experience

By J. F. Prather

Williamsville, Illinois.

When asked to write an article my mind becomes muddled with scenes and acts that I was a party to in my connection with the breeding of Shorthorn cattle. I dislike to go back too far, fearing many of your kind readers would consider me an old man, when I can only think of being in my prime. It is hard to write of experience without becoming personal and speaking too much of self, but I know friends will forgive and strangers pardon what might appear to be egotism on my part.

When a boy of sixteen I was intrusted with the care of a show herd belonging to my brother, S. E. Prather, and how well I remember his first Shorthorns—Queen of Riverdale, Silly Dale, Imp. Frurer's Booth and others. The breeding of these cows would not be considered fashionable today, tracing to Imp. White Rose by Publicola, but I cannot recall two better breeding cows.

At eighteen my father purchased our present home farm for me and I immediately assembled a small herd of Shorthorns. The plans for managing and building up the herd was formed with all the enthusiasm of youth. While never fully carried out, I still feel my first plans were correct. While not original with me, the plans being suggested by the labor of some of the most noted breeders of that time.

With a small herd to start with, I expected to keep all promising heifers until the herd contained about seventy-five head of breeding cows. I would then select a few of the best heifers to take the place of cows not up to my standard, then all the culls would be sold for the block, in this way having a sufficient number for an annual sale, all of my own breeding, all select and all yearlings. We now find some of our best breeders are working on this plan.

With the breeding and management of a good herd of Shorthorns, the fertility of the farm is maintained, the improvements on the farm made better, the laborious work diversified, love for the farm intensified and best of all, the making of life-long friends, without which life would seem most dreary.

I am often asked if there is money in breeding Shorthorns and my answer has always been that it is like any other business. First you must have a liking for it and give it the same attention it would take to make a success of any other proposition. Then, the meeting of friends at the great shows, at the sale ring and the many pleasant evenings spent in some cheerful home of a fellow breeder, has more value to me than if measured by the financial tape. If I had the ability to recall and relate all the pleasant memories of my connection with Shorthorn breeders and friends, I would feel well paid for my life work.

As a body, no higher class of men were ever gathered together than those engaged in the breeding of Shorthorns.

When I think of the men who started our association, the men who have carried on in later years the actual work of our great organization, men who had the ability to occupy and fill with credit, any position in our land, I feel I have been greatly honored to be associated with such a body of men. This being my last term as a member of your board, after serving over twenty years, I feel it not out of place to make some comment. Do not take it to be my obituary or swan song for I hope to be counted in your ranks for many years.

The Shorthorn Board is a veritable melting pot. One cannot long be a member of the board without the lower elements of his nature being fired by the finer feelings of his associates. To be a member of your board is a position any young breeder should strive for. Do not make an effort to reach the goal by the aid of proxies, but by your own efforts in your chosen work.

To give someone else an opportunity to serve on the managing board of one of the greatest breed associations in the world is my reason for not being a candidate for re-election. The rapid stride our association has made since I first became a member, is almost incredible. We were so poor at that time, we found it necessary to move to Springfield, Illinois, where we could get cheaper rent and in addition to that pleasant condition, were in debt some \$8,000. Now it is a question of grave consideration as to how we can best use our money. But do not worry about that. Things of more importance will confront you. Keep the business clean, do not allow fraud, misrepresentation or trickery of

any kind to be used by any one connecting his name with the breeding of Shorthorn cattle. I cannot help but feel that our business is on a sound foundation and with the great world-shortage of cattle, must be good for many years. Let us keep it good. Do not encourage speculation and inflation of values.

Our board and secretary are to be congratulated on their effort to build up a trade with South American countries, but in that connection much thought and labor must be given. This trade calls for only our best animals and the question arises, "How far can we go and not deplete our own herds of what we surely need ourselves?" To meet this condition, it behooves our association to aid and encourage all breeders to raise the standard of their herds and to develop a greater percent of their young stock to the best condition possible.

It may become necessary to re-arrange our plan of prize money. All breeders cannot put out a show herd, but all can, in some way, be encouraged to improve and take better care of their stock and be ready to participate in the good prices that now prevail. With the amount of money now on hand, some arrangement might be worked out to increase the interest in state exhibits. In this way making a place for breeders who do not find it possible or profitable to follow a continuous circuit, this to be followed up by a sale under the management of the association and to consist of the cattle fitted for the local show. I am not saying this is the proper or only way, but only suggesting that some way may be worked out. Anything to raise the quality.



Courtesy Carpenter & Ross, Mansfield, Ohio.

Lady Dorothy, Junior and Grand Champion Cow

Photo by Risk

The Shorthorn in Tennessee

The story of the Shorthorn cattle industry in Tennessee is recent history. Indeed, ten years ago the registered Shorthorn animal was unknown in this state except in a very few communities. Today the praises of the Shorthorn cow are being sung by Federal Government Agents, Agricultural Colleges, railroad officers and agents and other promoters of better farming and improved livestock in this section of the South.

Certainly not to the exclusion of other



The Type of Shorthorns in Popular Favor in the South. This Pair Sold for Over \$1,600.

breeds, but there is a prevailing idea in the South that the Shorthorn is the animal for the small farm operator, and it is found in almost every community.

To the efforts of the Nashville, Chattanooga & St. Louis railway is largely due the awakened interest in better breeding cattle and other livestock in Tennessee, certainly in communities served by its own lines. The management more than ten years ago instituted a campaign for improved livestock in its territory, at a time when the industry had few champions in the South and when it was difficult to secure effective co-operation in any quarter. At that time the county demonstration agent or farm advisor was unknown and the extension divisions of the agricultural colleges were undreamed of. The management has adhered to the plan of distribution adopted then, which has resulted in the placing of more than six thousand pure-bred breeding animals among the farmers operating along its system.

This is the plan: County livestock associations were organized in practically every county along the Nashville, Chattanooga & St. Louis Railway. This was accomplished with the aid of the then commissioner of agriculture of the state and with the assistance of a representative of the Bureau of Animal Husbandry of the Federal Department of Agriculture. This was perhaps the first livestock promotion work performed in the South by the Federal Department outside of the tick eradication service.

By L. P. Bellah

General Agent, Industrial, Agricultural and Immigration Division, Traffic Department, Nashville, Chattanooga & St. Louis Railway

Prominent and reliable local breeders of pure-bred stock were then induced to contribute stock to auction sales to be held under the auspices of the various county livestock associations. The Nashville, Chattanooga & St. Louis Railway further co-operated by providing transportation facilities at moderate rates and also by advertising the sales through the medium of the local papers in the territory, and in other effective ways, by means of which it was instrumental in securing a large attendance of farmers at the sales.

Finally breeders in other states, namely, Kentucky, Indiana, Illinois, Wisconsin, Iowa, Missouri, Virginia, Maryland and Kansas were visited by a representative of the railway company and induced to contribute stock to the sales. Under an arrangement the company now has with the American Shorthorn Breeders' Association every animal consigned to the sales is approved, and in many instances selected, by the association. The association further co-operates in the conduct of the sales by having a representative present to advise with purchasers and to otherwise assist them.

Thus far during the year 1916 twenty co-operative auction sales of this character have been held along the Nashville, Chattanooga & St. Louis Railway, by which approximately one thousand pure-bred and registered Shorthorn cattle have been placed with actual owners in the territory.

It is admitted that the most successful sale of Shorthorns yet conducted in the

South was held at Union City, Tenn., September 25, 1916, under the auspices of the Obion County Livestock Association, the American Shorthorn Breeders' Association and the Nashville, Chattanooga & St. Louis Railway co-operating. Twenty-six lots, including several cows with calves at foot, sold at an average price of \$357.21, three bulls bringing an average of \$1,010.00. The top of the bull sale, a Macmillan & Macmillan Scotch Cumberland, seventeen months old calf, went to Mr. H. T. Cowan, Dickson, Tenn., at \$1,280.00. Several days after the sale two other bidders on the calf wired Mr. Cowan offering him a material increase over the price he paid for it, which was promptly refused. Mr. Cowan was then importuned by these gentlemen to place a price on the calf, which he also declined to do. It is interesting to note that this bull calf's full brother, a year younger, brought \$550.00 at the Atlanta sale a month later.

In addition to distributing Shorthorn cattle in Nashville, Chattanooga & St. Louis Railway territory in the manner described, there is also being distributed through these co-operative auction sales registered Herefords, Aberdeen-Angus, Holsteins and Jerseys, as well as registered hogs, sheep and even pure-bred Jacks and Jennets.

Further, in addition to these activities, the department undertakes, through its marketing division, to assist the breeders in its territory to find sales for their surplus stock.

This office at all times invites and welcomes correspondence with breeders in other states who are interested in making sales in the South or in any manner developing the livestock interest of this important section of our country.



Courtesy N. C. & St. L. Ry., Nashville, Tenn.

Shorthorns on Display at Columbia, Tenn., and Sold Under the Auspices of Maury County Livestock Association, in Conjunction with the N. C. & St. L. Ry. F. I. Derby, Manager of the Sale, Appears in the Foreground at the Right.

Public vs. Private Sale of Bulls

By J. A. Kilgour

Sterling, Ill.

How to find the best market for the young bulls produced during the year is an important question. Different breeders can answer this question in a number of ways. One will have arguments to show the advantages of public sales and another will give reasons why he favors private sales.

The production and sale of pure-bred livestock may be divided into three sections: First, The selection of sire and dam; second, the feeding and caring for the calf; third, the finding of a profitable market.

To produce a good calf is not enough, it is only a beginning. Countless numbers of good calves have been born only to be made useless for the upbuilding of their kind by improper handling, by over feeding or under feeding, mostly the later, by abuse and neglect. But assuming that you have a good calf to start with you still have before you twelve months of constant, painstaking work to put him in proper marketable condition. And then the puzzle—find the market. Having produced a good calf and having developed him properly for market, the livestock breeder must now turn his hand to salesmanship.

What a contrast between the livestock breeder and the manufacturer. In what a vastly different way do they find a market for what they produce. The manufacturer of any of the thousands of articles sold to the public first secures his plant and buys his raw material. The livestock breeder invests in his farm and breeding herd. The manufacturer makes his articles, figuring all items entering into the cost of production. The livestock breeder grows his young things to a marketable age. So far their methods are somewhat similar. The manufacturer, having reached this point, knowing just what his wares have cost, adds a generous profit and sells at that figure. The livestock breeder, if he holds a public sale, puts up at auction the result of years of his best efforts and sells to the public at the price the public is willing to pay. He stakes his all on the decision of those assembled at the ring side and although it is more or less of a nerve-racking experience, he usually gets away with it.

The grain farmer works along the same lines. He raises his crop and takes what the law of supply and demand, assisted by the speculators, say his property is worth. He has nothing whatever to say about what he shall receive for the result of his year's labor. He has no way of telling when he sows his seed in the spring what he will get for his harvest.

To a person who desires an endless amount of correspondence, the private sale method is to be recommended. A man in the market for a bull can take a postal card and in two minutes ask questions that will take two hours to

answer. It is a difficult matter to describe a bull on paper. In answering correspondence, if the seller paints the bull in too glowing colors and by so doing induces a buyer to make a trip for inspection, there may be a disappointed customer who decides that the seller does not know a good one when he sees one. On the other hand, if the seller is too conservative in his description the prospective customer is not interested enough to visit the farm and look the cattle over.

A bull that is considered good by one man may be looked upon as very inferior by some one else, and a good bull may often suffer by comparison with a better one. George Ade says: "The true test of speed is a pacemaker."

One argument against private sales is that if a number of bulls are advertised for sale and a customer comes to look them over, he is disappointed if several have been sold just previous to his visit. He immediately thinks the best ones are gone. After the number has been further reduced it is almost impossible to find a buyer for those left.

Another argument against private sales is that if a buyer visits a herd with the intention of buying and is limited in the amount he thinks he can invest he will want to choose from the entire lot and buy at his limit. If the seller offers to reserve two or three and then allow a choice to be made the buyer will almost always turn down the proposition. He wants the best that he sees at his price or none.

In private sales the seller often runs up against the man who likes to drive a close bargain, and if the seller can be induced to take off \$50 or \$100 from a fair cash price, he will offer to close the deal if you will pay the freight.

The annual sale proposition involves the question of labor and feed and ade-

quate and proper stabling facilities. It is no small job to care for twenty or more bulls for twelve months, and especially is it trying after they are six months old, as after that age they must be kept in separate quarters, not only in the barn, but when turned out for exercise. It is useless to feed them properly and handle them improperly.

The annual sale plan of disposing of your surplus stock when once adopted must be tenaciously adhered to. Tempting offers for the best of the calves must be turned down, for an annual sale with these gone could not be a success. If those in the market for a bull can be made to feel that they have the whole crop of calves to select from they will be more likely to attend the sale. They will think that from among the number offered they will be able to select one that will meet their requirements. A person attending a public sale quite often has a second or third choice and in case his first choice goes beyond his reach he can fall back on his second or even his third. At public sales a buyer has the advantage of hearing the good and bad points of different animals discussed and the opinion of those present can usually be had for the asking. The judgment and advice of an older breeder may be of value to a beginner. The buying public seems to be posted on values and the prices obtained at public sales influences to a great extent the prices received at private sales.

One advantage of a public sale is that you can select the time of year for holding a sale best suited to your conditions, and after the strenuous work of holding it is over, time can be found to attend to other matters necessary to the conducting of a stock farm.

The breeders of pure-bred livestock selling at public auction take what the buyers present are willing to pay. It seems rather a risky way of doing business and yet sales are being conducted every day with marked success.



Courtesy N. C. & St. L. Ry., Nashville, Tenn.

Three Shorthorn Bulls Sold at Union, Tenn., Sept. 23, Average \$1,010

Producing Beef at Sni-A-Bar Farms

By Frank D. Tomson



Courtesy Sni-A-Bar Farms, Kansas City, Mo.

The Steer Calves

Photo by Risk

Some years ago the late W. R. Nelson, publisher of the Kansas City Star, acquired a tract of land of 1755 acres, along the Chicago & Alton Railway, twenty-five miles east of Kansas City and adjacent to the station of Grain Valley. It was Colonel Nelson's purpose to utilize this land for the production of Shorthorn steers as a demonstration of what could be accomplished in the way of using registered sires of outstanding merit upon native cows such as were available at the Kansas City market. He foresaw that in this undertaking he could encourage a more general tendency among corn belt farmers to produce beef. Colonel Nelson believed in the Shorthorn as the most dependable and most useful for the average farmer's needs. His undertaking in this channel is in harmony with his progressive activities among industrial lines. He was admittedly one of the great constructive forces of his time with an influence nation-wide in its scope.



Courtesy Sni-A-Bar Farms, Kansas City, Mo.

A Few of the Grade Cows and Their Calves

Photo by Risk

In order that his plans might be put into immediate operation, he spared no expense in the improvement of this tract which he named Sni-A-Bar Farms, conforming to the name of the township in which it is located. The improvements consisted largely of drainage, clearing underbrush, fencing, seeding to grass, water system, and the making of hard roads. The buildings are of unique design, but of modest proportions and do

not represent a lavish outlay. Today Sni-A-Bar Farms are well set to grass. There are no waste places, no weed patches. The whole tract takes on the appearance of a park. It was late in November when I drove over the farms, yet the Shorthorns were all grazing in the pastures and except for the three lots of steers which are being pushed for the market, none are receiving any grain or forage. If the weather remains favorable there will be ample pasture through the winter months, but of course a suitable quantity of roughage and grain will be provided.



Courtesy Sni-A-Bar Farms, Kansas City, Mo.

Grade Heifers from the First Cross

Photo by Risk

The plan has been to select red cows with but few exceptions, and for use upon them, white bulls are secured. The present herd bulls are imp. White Favor, Hampton Cumberland, Orange Stamp, Wimple's Villager, Sni-A-Bar Favor, Good Stamp, Craibstone Sultan—all white and all showing decided flesh-



Courtesy Sni-A-Bar Farms, Kansas City, Mo.

Two Lots of Baby Beeves in the Making

Photo by Risk



Courtesy Sni-A-Bar Farms, Kansas City, Mo.

Photo by Risk

Registered Heifers From Which the Future Sni-A-Bar Herd Bulls Will Be Produced

ing characteristics. The calves, as might be expected, are largely roans and show remarkable quality. The heifers from the first cross have been retained and these are now nursing their first calves. The merit of these young things, both the first and the second cross, could hardly fail to impress the most casual observer, with the marked improvement in type, quality and weight. If the stock farmers of the corn belt or, in fact, the beef producers anywhere, could make a study of the results obtained at Sni-A-Bar Farms through the first cross and advanced by the second cross by these registered bulls, they would scarcely need further encouragement to place a higher estimate on registered sires and to incline with favor to the white color.

But two sales of steers have been made at the Kansas City yards and these com-

prise all that were old enough and in condition to market and each lot sold at the top of the market. Three bunches of steer calves and yearlings, eight, twelve and eighteen months old, are being fed and will be turned as soon as they are ready. The plan thus far has been to market the steers when they were in the proper condition, regardless of the time of year, and this plan will be continued. No entries have been made at any of the stock shows, but it is the purpose to enter in the fat classes in future shows.

There are now five hundred grade Shorthorn cows at Sni-A-Bar Farms and the number will be increased to approximately eight hundred, the plan being to stock the farm to its full capacity. Each year the best of the heifers will be retained for breeding purposes and the remainder will be disposed of either on the market or to supply the demand for breeding stock of this character. As soon as the stock has been increased to the desired number and those not bred at Sni-A-Bar Farms have been eliminated, nothing will then be offered on the market or elsewhere but animals bred on Sni-A-Bar Farms. The plan will have a broad influence upon the Shorthorn breeding interests in particular and upon corn belt beef production in general. It is one of the most interesting breeding projects ever undertaken.

Until recently the maintaining of a registered herd had not been undertaken, but it seemed advisable to include a pure-bred herd as a part of the program, and worthy selections of breeding females have been made. This will fit

into the general scheme, as the plan will be to use bulls bred at Sni-A-Bar Farms in the future.

Unfortunately Colonel Nelson did not live to witness the accomplishment of his cherished plans, but he provided in his will that they should be worked out in accordance with his original intention. The responsibility for the final accomplishment of this purpose of more or less philanthropic nature rests with his son-in-law and daughter, Mr. and Mrs. I. R. Kirkwood, who are directing their energies and intellect to this end.

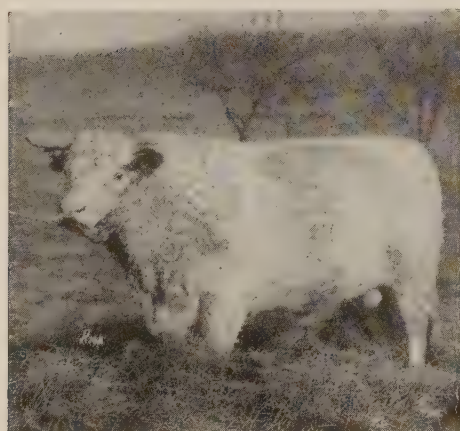
The enterprise has now reached a stage when its value and influence cannot fail of recognition and the broad effect will be to stabilize beef production in the corn belt and place a further premium upon the use of high-class sires for this purpose.



Imp. White Favor



Sni-A-Bar Favor



Hampton Cumberland



Orange Stamp



Wimple's Villager

Beef Production in the Corn Belt

I was very much impressed with the editorial appearing in your last issue on the proposed propaganda to increase meat consumption in the United States, in which you emphasized the fact that greater economy of production was necessary before we could expect a greater consumption of meat by American people. No one has any right to expect the producer of meat animals to be paid less than the cost of production; at the same time, in fairness to all parties, it is perfectly reasonable to suppose that if the retail price of meat goes much higher there will be a pronounced decrease in consumption. Therefore, one of the most important features of the propaganda under discussion would be an educational campaign to show raisers and feeders of meat animals how the

By Geo. M. Rommel
Chief, Animal Husbandry Division,
Washington, D. C.

college, every agricultural experiment station in the Corn Belt states, is devoting more or less attention to the study of the problem of economy of production. The Federal Department of Agriculture and other agencies have likewise studied it. Possibly some of the results of an extended investigation made by the National Department of Agriculture may interest your readers.

In a study covering two years it was found that on farms where calves were being finished off at two or three years of age beef production was unprofitable. However, where baby beef was produced on a commercial scale, the farms did a

that he had no need to consider making a change unless he wished a business in which the returns were larger, but possibly not so secure.

Somewhat to my surprise, the farms on which the dual purpose system of cattle raising was followed did not yield the profit one would expect and this was largely due to the fact that greater care in feeding and greater cleanliness is required in this method of beef production. The failure of these farms to show a greater profit than they did was largely due to the loss of calves from improper feeding and the difficulty of the average farmer in getting help sufficiently skilled to raise skim-milk calves. It may also be said that in the cases under observation the farmers who were engaged in beef production were better farmers than those who followed the dual purpose system.

A type of beef production which seems significant, but concerning which our agents reported very guardedly, was where the farm practice was to permit two calves to nurse one cow, reserving the other cow for production of milk for sale to creamery or milk route. Only twenty-two farms were studied on which this type of beef production was followed, but the results obtained on these few farms were regarded as of sufficient importance for the Department to continue the study of the subject. We now have agents engaged in the study of the returns on farms where the double nursing system is practiced to determine whether the results thus far obtained will be confirmed on further investigation.

The abundant supplies of rough feed and the necessity to maintain and increase the fertility of high-priced lands will always require the presence of cattle. How to make these cattle most profitable and their presence on our Corn Belt farms most permanent is a subject worthy of our most serious consideration. The get-together spirit which inspired the propaganda idea is well worth while and should bear useful fruit.



Courtesy Kansas Agricultural College, Manhattan.

Photo by Hildebrand

Champion Group of Shorthorns Over All Breeds and Cross-Breds

cost of production can be reduced. At first thought such an idea is superfluous. Our livestock farmers, as a class, are among the most intelligent and best read of our farmers, they are usually leaders in the community, up-to-date and in touch with successful men elsewhere. Why do such men need an agency of information? Will they not keep in touch with the newest developments by using agencies already at hand, the livestock press, publications of State and Federal governments, etc.?

I should say that a central organization would be of benefit to such men as well as the active, wide-awake business men in any other lines. Scarcely an industry in the country is without its central organization and it is seldom possible to use a new method in any business until practically every one else in the business who is up-to-date is familiar with it.

We all know that the feeding business in the Corn Belt is now, and has been for some years, in a state of transition from a condition of speculation to one in which meat production forms a solid, substantial and integral part of farm management. A steady supply of meat animals from the Corn Belt is essential to the meat trade of the country, and a steady and profitable income from these animals is obviously necessary. The records will show that every agricultural

little better than break even on the business. On such farms the calves were allowed to nurse their dams and were crowded until they were finished at about fifteen months of age. There was no loss after six per cent interest had been charged on the investment. Therefore these farms were going ahead, and this type of beef production proved to be a profitable type of farming. The farmer engaged in it could rest assured that the fertility of his fields was constantly increasing; that he was getting profitable returns on his investment, and



Courtesy J. G. Allen, Newport, Tenn.

Dutch Bottom Stock Farm, Newport, Tenn.

Shorthorns as Pioneers

By W. A. Forsythe
Greenwood, Mo.

Surrounded as we are by modern conveniences; enjoying the benefits of rapid transit in various forms; little thought and infinitely less appreciation is given the pioneer who blazed a trail and endured the accompanying hardships, thereby rendering it possible for the privileges, now prevailing, to exist.

Likewise, the pioneer work of Shorthorns, which has for more than a century followed close upon the wake of civilization, has suffered to an extent in present day appreciation of the wonderful results made possible alone by an infusion of their blood into the Spanish or native cattle that followed in the possession of our Western plains as the buffalo became extinct. My first intimate knowledge of range cattle began in 1880, and when one becomes sufficiently retrospective to clearly recollect the bovine specimens assembled then at our central markets, the improvement that has been wrought seems incredible. Many interesting stories have been related around our firesides by Knights of the Saddle whose education was acquired amidship the unconquerable broncho; whose downy couch was spread on the boundless plain; and sustenance for the inner man procured at the tail end of a chuck wagon. One character in particular, who after eighteen strenuous years of continual performance in the active pursuits of what in common parlance is known as a cow puncher, had evolved into a substantial cattleman of means, and unlike the prophet was honored in his own land; paid the following tribute to Shorthorns. With no attempt to tell the story in his dialect I will only try to relate the substance:

"In 1879 I got a job with old man Jackson busting bronchos, who was then

running the Bar X outfit. The country was wide open at both ends and not even a drift fence in the middle, so cattle often strayed 150 to 200 miles. Rustlers who could not solve a problem in simple division were adepts at defacing a brand with a red hot iron and equally efficient with lariat and six-shooter, had to be contended with, thereby forming an important chapter in the honest cow-man's experience. In '83 the boss sent our foreman into the corn belt to buy some Durham bulls. Little or no regard was given pedigrees, but much emphasis was placed on color, as nothing but solid reds could pass the censor. This in a measure was no doubt justifiable, since the Bar X herd was composed of southern Texas cows that for color scheme had Jacob's heart tied to the mast. In fact, every imaginable color scheme had Jacob's herd tied to yellows and brindles predominating. Happy Jack, Mex Pete and myself were delegated to make the forty-mile trip to our nearest railroad station to convey the 'tender-feet' to their field of future usefulness. Many a campfire discussion followed, in which parliamentary rules had no part, relative to the justification of such an expenditure and the possible benefits arising from such an investment. Without having accomplished any apparent result, argument on the subject finally reached a timely end from sheer exhaustion. Once dismissed, little thought or attention was given the matter until the last round-up, close of the following year, when an experienced Kansas buyer in search of steers to rough through the winter and give

them another year of growth on grass came out with the Colonel. (A cognomen applied by all the boys to our boss.) In his observation of the calf branding he noticed quite a percentage of them showing a marked improvement in color and conformation over others and naturally sought an explanation. Being advised of the introduction of Shorthorn bulls, he requested seeing some of them and after having done so, volutarily asserted if the two's, then being offered, had been sired by such bulls they would be worth at least five dollars per head more to him. Figured on a basis of one thousand head this seemed rather an extravagant statement until an offer to contract the calves, in which Shorthorn blood predominated, for delivery at two years old on that basis was made, also the further comment upon continuous benefits to be derived from the heifers, retained for breeding purposes, in imparting improved quality to their offspring for generations to come."

Varying in detail of course many similar instances have been recounted, demonstrating that Shorthorns have never been found wanting when weighed in the scales of justice, nor have they failed to transplant the germ of improvement however sterile the nursery soil might be.

When the late Col. Harris immortalized Shorthorns by his famous prophecy, "other breeds may come and go, short lived recipients of popular favor, but the Shorthorn goes on forever," there were those who regarded his prediction with reverence, others with scorn. But the active universal demand clearly indicates the correctness of his appraisal, and proves the Shorthorn as worthy in its benefaction to mankind under twentieth century environment as in the role of poineer.

IN OHIO

By C. A. Branson, Cadiz, O.

The number of Shorthorns that are being bred in Ohio at the present time may be underestimated by some of the western breeders, who as a rule are operating larger farms and consequently larger herds.

We, of the Buckeye state, point with pride to our fellow breeders, who have climbed the ladder of success, step by step, and are now on the topmost round. With Ohio bred Shorthorns they are carrying off the highest honors in the greatest shows of our country.

At our great Ohio State Fair, held annually at Columbus, the Shorthorn exhibit constitutes the outstanding feature of the livestock show. Very few are the states that can boast of a Shorthorn exhibit that will compare with the one that may annually be seen in Ohio.



Courtesy N. C. & St. L. Ry., Nashville, Tenn.

A Type of Female in Favor in the Southern States



Courtesy Tomson Bros., Carbondale and Dover, Kan.

Photo by Risk

Uniformity of Type Is Always to Be Desired

It is undisputed that there are more sons of the great Avondale at the head of the foremost herds of the country than of any other sire.

Aside from our herds that have gained a national reputation, there are in Ohio hundreds of smaller breeders who are breeding good Shorthorns profitably in a modest way and finding a ready market at home as well as in the eastern and southern states.

Why should we not breed good cattle here in Ohio? As early as 1834 a few of the public-spirited citizens saw the need of improved blood in our state and transplanted from the old world to the luxurious pastures of the Scioto Valley some of the very choicest animals from the best herds of England. It might be well to note that in this first importation came the two roan heifers, Young Mary by Jupiter, and Rose of Sharon by Belvidere. It is from these two animals that many of our good Shorthorns in Ohio today have descended.

There exists at this time in the East and South a strong demand for good cattle of the dual-purpose type, for which very satisfactory prices are being received. The Shorthorn cow is commanding a large share of this trade because of her dual qualities. Ohio, on account of her location, is in position to supply her portion of this demand. A large amount of this land is rough, but produces the best of pasture; there is also a great quantity of rough feed produced, for which a market must be provided, and there is no animal better suited to the utilization of this roughage than the Shorthorn cow and her lusty calf.

There is one thing that is yet lacking in our state and that is general co-operation among our breeders. However, we are working in that direction.

More than forty years ago the Ohio Shorthorn Breeders' Association was organized for the purpose of stimulating more interest in the red, white and roan in our state. In the past two or three years this association has taken on new life and been of more benefit to its members. The first annual sale held under the management of our state association was in January, 1916, at the State Fair grounds, Columbus, when an average of \$200 was made on one hundred lots, some of which were in very poor sale condition.

The prospects are much brighter for our second annual show and sale, which will be held January 9-10 in a heated pavilion on the state fair grounds, at which time it is hoped there will be some one hundred and fifty head offered. This association has in the past year or two done much toward bringing the buyer and seller together and is in position to do more good in the future.

Several counties in our state have recently organized for the purpose of advancing the Shorthorn cause, and it seems to me that every county having a few good Shorthorns should take a step in the same direction. Some two or three of the county organizations have held their first sales. The Harrison County Shorthorn Breeders' Association is the one with which we are in closest touch. Our first sale being held at Cadiz in June, 1916, at which time forty-eight lots of miscellaneous breeding, and many not in sale condition, made the satisfactory average of near \$200.

This first sale not only created much Shorthorn enthusiasm in the immediate neighborhood, but has let the outside world know what is being done in this part of the state.

There are at this time no less than twenty-five progressive farmers in this one county who are breeding a few good Shorthorns and we are looking forward to the time, in the not far distant future, when in our rich blue grass pastures of this hill county the red, white and roan will reign supreme.

MILKING SHORTHORN AFFAIRS

By LEWIS J. McMARTIN

The business of breeding Milking Shorthorns is on a broad, substantial basis and the outlook for the future the brightest in the history of the trade.

Breeders everywhere report active sales and a demand for breeding stock greater than they are able to fill. Recent sales of importance at private treaty have been made. Recently two carloads were shipped from the New England states to North Dakota and the men who collected the cattle say they can use as many more if they can locate cattle of the same quality.

The sale of imported cattle held by Frank S. Peer, Cranford, N. J., was the

first opportunity ever given American breeders to buy high class imported Milking Shorthorns at public sale. A number of the breeders took advantage of the chance to improve their herds and introduce some new blood. Alexander & Kellogg bought a number of good things, including the young herd bull Kelmscott Viscount 19th, to improve their herd in California. Mr. Tener of New York made a number of selections of high class cows. Mr. Charles W. Clark, Warren, Ohio, is founding a herd and bought a number of females for foundation stock. The Sentinel Pine Farm herd has been greatly strengthened by the young bull and cows purchased in this sale. Bedminster Farms were also liberal buyers. Others who will be benefited by this importation through purchases made at the sale are, H. C. Polk, Chas. Carroll of Carrollton, Robert Saltonstall, W. A. Simpson, Richard G. Wood, C. A. Otis, Mr. Carey, Uncle John's Farm, George Taylor, W. A. Sturgeon, L. D. May and Frank Brace. The cattle were well worth the money they sold for and should do a lot of good in the American herds they are going into. The 72 head made an average of \$751.

We hope to have Volume II. of the Milking Shorthorn Year Book ready for distribution about January 1st. This number will contain, besides nearly 200 milk records, a number of pictures of high class cattle and several articles by leading authorities on this type of cattle. The records made during the last year are well up to the standard of the past and we even hear whispers that the present world's record is soon to be broken. The majority of the breeders however, are content with medium records of 8,000 pounds or a little more, and are trying to keep up the breed character and easy fattening quality for which the breed has always been noted.

This effort on the part of some of the leading breeders is very commendable, as we do not want to let Shorthorn bulls lose the prestige they have long held as the sires of feeding steers. Breeders seem very optimistic as to the future of the trade, as there is a large market for a good type of cattle. The territory from which orders are coming is expanding constantly, and I believe any man with a natural inclination for the care and handling of live stock will do well to invest in a herd of good Milking Shorthorns.

Iowa's Best Beef Cattle

By Ivanhoe Whitted

Generally speaking the Iowan has not been a vociferous tooter of the Hawkeye horn. He has yet to be accused of disturbing the peace and quiet of other states by the persistent exploitation of the numerous advantages of his own great and glorious commonwealth. He has been exceedingly modest in his claims. The Shorthorn breeder has been no exception. While other states have held the center of the stage and desecrated glowingly of their wares, the Iowa breeder has continued the even tenor of life, sawing wood industriously meanwhile, secure in the belief that in the course of time merit would tell its own story and tell it convincingly.

Today Iowa leads all other states in number of Shorthorn herds, and if sale prices achieved and prizes won in competition with the best to be found in the country are to be accepted as a criterion they lead likewise in quality. Prices made in the auction sales ring, that best and most accurate method of measuring public approval, have ruled high the past twelve-month, not necessarily of record-breaking order but sufficiently elevated to prove highly satisfactory to breeders and to attract the attention of the beef-growing and beef-eating world.

A gratifying feature of the season's auction sales, also a gratifying one to the man with an eye to the future of the breed, was the wide distribution of choice animals into other states and localities. When buyers will cross a continent; more, when they will compass some thousands of miles of ocean traveling in addition to crossing a continent, for the privilege of bidding on Iowa Shorthorns in the sale ring, it means something. It means that the fame of the breed, as produced according to the "Iowa idea," has traveled far and to good purpose.

At the Uppermill sale held in the closing days of March forty-two head of animals were distributed to South America, Minnesota, Nebraska, California, Oklahoma, Missouri, Texas, Illinois, Indiana, Missouri, Ohio and to various localities in our own state. At the Saunders sale held at Manilla in June buyers from each of the above named states and both the Dakotas purchased consignments. And a noteworthy incident in connection with both sales was that the highest priced animals went to South American buyers for export to the Southern Hemisphere, to the Argentine country, to be exact, where they know good Shorthorns if they do anywhere upon the face of the earth.

The Iowa State Fair and Exposition furnishes the best opportunity to study the trend and growth of the Shorthorn breeding industry in Iowa. This has long been a popular show point among breeders of the middle west and may be regarded as an accurate barometer, so

to speak, indicating the interest and enthusiasm from year to year.

The Iowa Shorthorn breeder, be it known to his honor and spirit of sportsmanship, asks neither odds nor favors in his home show ring. Competition holds no terrors for him. In fact he courts it, and dearly loves the strenuous battle for the coveted colors when the choicest representatives of the breed gather from a dozen different states at the annual exposition. He believes he has as good cattle as can be found anywhere in Uncle Sam's great territory and he is willing and ready to prove his faith by his works in the show ring. If breeders in other localities are producing more acceptable specimens of the breed he wants to know it. Also he is wise to the fact that the show ring is the logical place to compare merits, the place where the pudding is proved.

By way of demonstrating faith and loyalty in the theory of patronizing and building up home industry the Iowa



Courtesy Walter J. Hill, Northcote, Minn.

Type's Model, First Prize Junior Yearling Bull

State Fair management continues to offer premium money for certain local classes, a proceeding not a few breeders have suggested be discontinued, as they favor only those classes that are open to the world. Good and consistent sports, those fellows.

The Shorthorn division of the State Fair stock show is expanding in harmony with the growth of interest throughout the state. It has grown to be a wonderful and thrilling sight to lovers of the grand old red, white and roan breed. Men fully competent to pass judgment pronounced the show of 1915 the most remarkable, both as to numbers and excellence, ever witnessed at a state fair. Indeed, some even hinted that it was possible the pinnacle had been reached, at least for some years to come.

But alas for the uncertainty of prediction. The 1916 show not only equalled that of the previous year but was so much greater in every way that it all

but made the show of 1915 seem of second rate. A grand total of forty-six herds was listed, hailing from all the beef-growing states of the middle west, and the number of animals shown in the various classes ran close to four hundred. And Iowa is proud of the fact that twenty-six of the herds, more than fifty per cent of the show, are owned in the state.

The outstanding feature of the show was the number and high standard of excellence of the youngsters brought out, especially the young males. It was a magnificent aggregation of baby beef, the like of which had never been seen in Iowa. No less than fifty-two senior bull calves were lined up for the judge's inspection in the futurity event, and after studying the exhibit a lover of the breed could rest easy in mind concerning the future of the industry in Iowa, for that splendid lineup of youngsters was a tangible and convincing pledge of what is to come.

An impressive fact in connection with the show was the almost universal improvement in quality and type compared with the shows of fifteen or more years ago.

There was a time, too, a time that can be recalled without taxing the powers of memory, when a certain color craze, or fad, swept the Shorthorn camp and threatened for a time to shelve proper consideration for breed type, character and quality. Like the Dutch gentleman who, when asked what color he wanted his house painted, replied: "Oh, anyt'ings, yust so he is anyhow red." So it was for a time in Shorthorn circles—"anything, so it is red." The red animal stood high in favor. A ruby coat covered a multitude of physical sins and shortcomings in many instances. Fortunately fads, foolish fads, are short-lived as a rule, and this particular fad faded and lost its glamour before the damage accomplished was irreparable.

All of which is now ancient history, happening before the day of many of the younger generation of breeders. Perhaps there is no really good excuse for dragging it into the light at this time; but the men who realized and regretted the pernicious leading of that fool hobby could hardly fail to recall its feverish sway and to give thanks for its passing when enjoying those rings of choice animals wherein roans and white coats furnished the dominant note in the glorious color scheme.

After all, such things generally work out satisfactorily. If the spirit of progress does occasionally wander from the path of probity she is quick to hustle back into line when faced with her dereliction and often steps all the cleaner and swifter for the brief stroll in questionable paths. The lesson has been learned and taken to heart in Iowa. Type and quality are paramount considerations.

THE SHORTHORN IN AMERICA

Published quarterly by the American Shorthorn Breeders' Association, 13 Dexter Park Avenue, Chicago, Ill., in the interest of Shorthorn cattle and Shorthorn breeders in America.

FRANK D. TOMSON, *Editor*

VOLUME 1

NUMBER 4

JANUARY 1, 1917

THE YEAR'S ADVANCE

Veterans in the Shorthorn ranks may scan the years within their remembrance when the Shorthorn cause has extended and broadened its field of influence, but they will look in vain for any year or several years that witnessed such broad expansion as that attained in the year 1916. The first effect was noticeable in the very heart of the breeding districts. Inquiry for breeding stock became quite general in those sections, due to a recognition of the depleted supply of cattle stock. The corn belt was awakening and turning its attention to beef production. Down on the eastern border and up through New England, the Shorthorn was gaining popularity in the dairies and the farmers came to a realization that the Shorthorn approached the ideal as a farm animal, where both beef and milk production was desired.

And so it came that in those districts where more than a century and a quarter ago the Shorthorn was first introduced in America, the sentiment has inclined positively toward this time-tried breed. This manifest preference, this return to the Shorthorn has come after experience with other breeds, which, for a time, were regarded in many sections as best suited to the needs and conditions. But one after another, individuals and communities, have recognized the peculiar adaptability of the Shorthorn to their purposes, and this breed which has never failed to benefit the individuals and the communities with which it came in contact, has never failed to improve the standards, is now positively in the ascendancy.

Men of the West and of the Middle West have little conception of the increasing popularity and the growing trade in the Atlantic seaboard states. The tendency toward the Shorthorn has been gradually gathering momentum for a decade and has reached its greatest force in the year just closed. The breeding herds that have perpetuated the milking type have been drained for months past for breeding stock to supply this increasing demand. Nor is this confined to the eastern states, for throughout the central and western states the inquiry has grown to large proportions.

From Ohio westward through the corn belt, Shorthorn breeding herds have experienced a growing Southern trade. It seems to have no limit and it gathers volume with the passing months. Arkansas, Louisiana, Mississippi, Alabama, Tennessee, Georgia, in fact in all of the southern states there is a widespread inclination to obtain Shorthorn breeding stock. The southern planters have long

relied upon cotton as the source of their agricultural income, but the inevitable spread of the boll-weevil with which experts seem unable to cope and the depleting of the soils has induced a general return to diversified farming. Apparently this is the hope of the South, agriculturally, and livestock is the logical—the accepted basis.

The natural result is an active demand for Shorthorns. The temperament of the Shorthorn, its dual characteristics and its power to work improvement on native stocks, admirably fits in to the needs and the scheme of Southern agriculture. Hence the breed profits—and widely.

Probably no single state has drawn so heavily upon the herds of the corn belt as has Oklahoma, and in no state has there been such a general tendency to place the Shorthorn interests on as high and as firm a basis, considered from the breeder's point of view. The early requests were for breeding stock of miscellaneous blood-lines and medium quality, but the demand has become most exacting and today Oklahoma breeders buy with fine discrimination. When the type and blood lines sought for are found, the purse strings are not tightly drawn.

In Kansas, Nebraska, the Dakotas and out through the mountain states to the coast, the demand has grown to enormous proportions and apparently the requirements will not be readily filled.

Several western states have laws in effect which require that none but registered bulls may run on the open range. Improved standards are sought everywhere and an inclination to make livestock the basis of farming operations is reflected in the unequalled call for Shorthorn seed stock. Money is plentiful. The farmer is coming into his own and he is no longer satisfied with inferior types. He seeks that which will work improvement and being fore-handed, he is able to command it.

Naturally values have advanced, but appropriately, for never in the history of the cattle breeding industry has a good Shorthorn had the intrinsic value that it has today. The present day requirements are more exacting. High standards are imperative and no one who is informed can fail to recognize that the standard of merit in the breeding herds throughout the country today is higher than in any previous period.

The year 1916 marks a high achievement in Shorthorn improvement and trade. Yet the indications are clear that this broad sweep of expansion which will cover the country and reach far beyond its borders has only gotten well under way.

AT THE INTERNATIONAL

Countless numbers of Shorthorn adherents throughout the land have received a quickening of faith; a strengthening of hope; an inspiration of purpose by the breed's achievement at the recent International Exposition. In numbers; in uniformity of type; in the high excellence of the exhibits and in the broad scope of the territory rep-

resented by the entries, the breed far outclassed any previous achievement in any show in America. No other breed has ever approached in numbers the strength of this remarkable—this matchless Shorthorn display. A strong assertion, but fully warranted. It was the high merit throughout the numerous classes, as they came successively in review, that revealed the strength—the utility—the dependability of the Shorthorn—classes with actual entries ranging from twenty, thirty, forty, fifty up to sixty and more each. And how closely they conformed to one type regardless of the section from which they came—evidence of progress in the breeding art, based upon practical, definite requirements.

In competition with other breeds a group of five Shorthorn steers won the championship, and the herd championship awarded to three steers by one sire, all breeds competing, rested with the Shorthorns. The grand champion steer of the show was out of a registered Shorthorn cow. In the calf, yearling and two-year-old steer classes all breeds, grades and cross-breeds competing, pure-bred Shorthorns won every reserve championship.

But it was in the broad sense that the breed had its highest—its most significant recognition. Such quality, such bovine excellence and beauty; inspiring the husbandman; captivating the onlooker; winning the plaudits of the endless throng. A memorable occasion indeed for this historic breed, and the stimulus will find its way—has already found its way—to every valley, plain and mountainside where the Shorthorn is known. This International has taken its place in the receding past, but the enthusiasm kindled by the conspicuous role the Shorthorn played in this great event, will sweep on through the years that are yet to come.

CO-OPERATION

We again express to the agricultural press our acknowledgment for its fraternal attitude toward THE SHORTHORN IN AMERICA. This is a helpful relation and materially aids in the effort to raise the standard of livestock production.

We are identified with this improvement generally. Our lot is cast with the Shorthorn—the oldest and most widely distributed bovine breed in America, that for more than one hundred years has had an active part in agricultural progress. But our concern is with present and future achievement; with the part that this cosmopolitan breed will play in the making of prosperity, with the ultimate elimination of the scrub.

In urging higher standards and better methods within the Shorthorn legions we co-operate in a definite way with the forward movement in our country's agriculture. We acknowledge the large service which the agricultural press renders and we are grateful for the recognition which has been generally accorded our own organ.

SHORTHORN VALUES

Even a most casual review of the prices paid for Shorthorns in public auctions during 1916 will impress one with their uniformity—an evidence of the stability of the trade. While values, as a rule, have held to a high level, comparatively few breeding animals have sold above the \$1,000 mark. Approximately three hundred and fifty animals have ranged in price from \$1,000 to \$5,000—the great majority of these between \$1,000 and \$2,000. Less than a half dozen sale offerings have averaged more than \$1,000 per head. Averages from \$200 to \$500 have been the rule, and location has seemed to have little influence upon the price making. Sales in Scotland have shown decided activity, the Duthie bull calves making an average of \$3,030. In Argentina, where liberal prices are the rule, a new record was established in the sale of a reserve champion, the price being \$50,000, Argentina money.

Recognition of the worth and usefulness of the Shorthorn is general. Competition is the inevitable result. Let those who have had experience compare the present condition of the Shorthorn market with the periods of unusual activity of previous days when pedigree alone was the chief basis of the price making. It is different today. Exacting producing costs, market requirements and the manifest preference of the consumer are the fundamental elements in determining and maintaining values.

It is a wholesome fact that there have been no spectacular prices. In view of the depleted supply of beef cattle, the tendency to improve agricultural conditions everywhere and the expert forces at work along these lines, it would seem that Shorthorn prices have indeed been rather conservative.

WHERE DO THE BOYS COME IN?

At a public sale of Shorthorns recently we observed an eight-year-old boy lead a heifer calf into the ring. The calf sold for \$525. Talking with the boy later, he said:

"Didn't you think I led the heifer pretty well?" and, "What do you think of the price she sold for?"

The boy's manner and his manifest interest in the affairs of the herd suggests that he will grow into the business; that there will never be any concern about keeping him on the farm. Upon inquiry, we learned that he owned a calf that is growing into money.

It is the writer's observation that where the boys have a chance to participate in the profits, and are led to feel that they are, in a way, partners in the business, they are more apt to identify themselves with the business when they reach maturity. A little encouragement along this line will insure the continuity of many breeding establishments. And after all, why shouldn't a boy be assured that he has something definite to work to and to grow into? Why shouldn't his judgment be developed along the line in which the investment is placed.

That there is a difference in boys we recognize. Yet many a prospective Shorthorn breeder has been allowed to drift into other channels; to go to the city or to engage in some other line single-handed, and necessarily at a disadvantage, for lack of a directing influence along the most appropriate course. There is no other calling that has the same educational influence that appeals to the imagination, to the creative ability that offers the same freedom and independence and at the same time the stability and assurance of reasonable profits as the breeding of improved livestock. The very nature of the business forces frequent contact with the outside world and the acquaintance of men of long experience and large affairs, which invariably is acquired, is a priceless asset.

Perhaps a word or two of encouragement to your boy would incline him in the direction that would be most gratifying to you and insure the continuity of the business that you have spent long years in building up.

We have all had much to say concerning noted breeders of the past, but somehow we feel that the greatest livestock improvers are yet to come upon the field of action. Let the seed of encouragement be planted, that we may be assured of their coming.

ANNOUNCEMENT

In an effort to further serve the Shorthorn breeding interests, the Board of Directors of the American Shorthorn Breeders' Association has arranged with Frank D. Tomson to devote a considerable portion of his time to the western territory. His Kansas City headquarters will be the Baltimore Hotel, his residence address Lincoln, Neb. This will not in any way affect Mr. Tomson's responsibility as editor of *THE SHORTHORN IN AMERICA*, nor his work of general publicity for the Shorthorn breed from the Association's Chicago office.

OUR ARGENTINE GUESTS

To Senor Pedro T. Pages, who judged the Shorthorn breeding classes at the International Show, and Senor Carlos M. Duggan, who conferred with him, who rated the grade and cross-bred steers and placed the grand champion award, we express the sincere gratitude of the Shorthorn fraternity in North America. Both of these gentlemen are among the world's most distinguished Shorthorn cattle breeders. Their skill was quickly manifested when they entered upon their work in the arena. Their work was educational in character, their observations were accurate, their decisions consistent and quickly made. Nor are we unmindful of the presence of E. Facio Hebequer, representative of La Nacion, John D. Nelson, manager of the Nelson Estancias, and Carlos Lix Klet Jr., all gentlemen of a high order, genial, courteous, broad-minded, representing large interests. We have been honored by their presence and already we yearn for their early return to our country.

SEC'Y HARDING BEFORE THE ANNUAL MEETING

The gentlemen who have spoken this evening have very kindly made references to the good work of the officers Directors of the American Shorthorn Breeders' Association. Mr. Groves and your Secretary are in position to return the compliment to you stockholders and breeders of Shorthorns of the United States. You perhaps read in this report that we received 71,000 pieces of first-class mail matter at our office during the last fiscal year. From reading those letters, many of them I read personally, certainly we can well judge of the men with whom we are doing business. I wish to acknowledge to you men that I am surprised, I think I should put it that way, at your liberality and your patience in the fact that perhaps we have not done more work than we have. I think it must be hard for you to realize when you don't stop to consider that we are doing a business with 20,000 or more breeders of Shorthorns in the United States, and perhaps have quite a large task at this office; but what you desire, naturally, is that your business is taken care of properly by the office. I am here to say that we are doing the best that we know how. We wish that we were more forward than we are at the present time. I can only say that it is on account of the large volume of business that is accounted for in a number of ways. The one-year rule sent in between 25,000 and 35,000 pedigrees of yearlings and two-year-old cattle on top of the natural results from an increasing interest in Shorthorns. The extended certificate which we have issued requires a lot of work, but taking into consideration our normal receipts, estimated at 100,000 pedigrees a year, we are today gaining at the rate of 200 certificates a day on the normal receipts, and we can see daylight towards giving to you in a few months your extended certificates of registry promptly after the receipt of your application. A great deal has been said, and I can thoroughly concur with Mr. Miller and Dean Curtiss in the remarks in regard to the quality of Shorthorns in Argentina, and I know that you will be gratified to know that the judges who are passing on these classes today have remarked to me many times—and I don't doubt but what they have to you—of the high excellence of our exhibit of Shorthorns at this show. They have pronounced a majority of the classes that have passed under their hands—Mr. Pages in particular, who is our Shorthorn judge—that they are up to their standard and superior in some of the classes to the fine classes that you have heard about being shown in Argentine Republic. That is what we have felt that if we could get these men to come to us that we could show Shorthorns that they would be interested in. I believe we are making them a show that is going to result in a future interest from breeders of the Argentine.

Shorthorn Opportunities

By Horace M. Yoder

Of Wallace's Farmer.

The farmer is naturally individualistic, being much alone in his work and without organization that induces co-operation. While the farther away he gets from pioneer conditions the less is he inclined to fraternize, even with those in his own line of endeavor. Already in some older communities do we find the women doing nearly all the visiting, like they tell of their city cousins about the church-going.

The more individualistic do farmers become and the less they fraternize the harder it is to impress them with new ideas and the less will one class have in common with another class. And so it is the ordinary grain farmer is not strongly impressed with the benefits of stock raising, and the stock raiser with his grades or scrubs is inclined to look askance at pure-bred stock. Hence, the mission of this newly-founded Journal, *THE SHORTHORN IN AMERICA*, that affords an interchange of ideas, promotes co-operation and extends the popularity of the reds, whites and roans, and hence the mission of the farm paper of real merit, that takes hold of the all-grain raising, "soil-robbing" farmer and gets him to raise stock as well as grain and induces the ordinary stock raiser with scrub stock to raise better stock, making him receptive to the use of pure-breds. I am reminded of a letter that came to the paper with which I am connected, written by a farmer, in which he stated, "I am following your advice to use pure-bred sires and I now have a registered Shorthorn bull, a registered Poland China boar and a pure-bred rooster." What impressed me was that he was using pure-bred sires because his favorite farm paper had advised it and because he had faith in the paper, some-

thing he would hardly have had if the paper had not real merit.

The use of the pure-bred sire is the most common road to a pure-bred herd. After learning the merits of a pure-bred sire it is an easy step to pure-bred females, even though the start be small, and many of our most successful breeders of pure-breds have traveled that road. Any opportunity then to extend the use of pure-bred sires among farmers is of prime importance to breeders, as the first step towards the establishing of new herds and the most natural way to extend trade.

As seeing is believing, a practical demonstration showing the merits of the use of a pure-bred sire is of great value to the inexperienced farmer. The steer show or fat stock exhibited at the state fairs and stock shows has afforded such demonstrations, but yet in only a limited way. The possibilities for broadening this work and making these exhibits more effective as real demonstrations of the value of the use of a pure-bred sire, is one of the greatest opportunities we have to extend the use of pure-breds. This is true of any beef breed, but the prestige of numbers and strong popularity of the Shorthorns with the corn belt farmers and the well-known adaptation of Shorthorns to domestic and grading up purposes gives this breed a big lead among farmers.

Making the most of this opportunity, too, might well include classes at the fairs, specially managed and advertised, to interest the farmer in the value of the use of a pure-bred sire, and such dem-

onstrations should be made at the county fairs as well as state fairs. Already, I have observed, some county fairs have held boys' feeding contests. The boys taking part in these contests become very much interested, and whatever gets the boys enthusiastic along right lines is of greatest importance.

With the boy in mind, I wish to digress long enough to refer to a most interesting story that appeared in the July issue of this Journal, "Winners in the Making," by the editor, Mr. Frank D. Tomson. It is a charming story of how Tom developed and made a winner of a steer, and while we get very much interested by the time Tom's steer wins the prize, really the most charming part of the story is that there were two winners—the steer and Tom—that the developing of a winner also made a winner of Tom. He had accomplished something by his own efforts and skill and he looked at life from a different angle, from the broader and better viewpoint. The old farm looked better than ever and only the best of stock and things worth while were what interested Tom from then on. He had developed a winner.

If the educational feature of the steer show, or value of the use of a pure-bred sire demonstration, should be considered more from the farmer's standpoint it would be another opportunity for extending the use of pure-breds. A class at the fairs that would call for the showing of a grade and also the sire and dam, the sire to be pure-bred and the dam a grade, would be a practical demonstration and would show at a glance how the farmer could improve his grade herd by the use of a pure-bred sire. Only recently the writer was visiting a Shorthorn breeder and found that one of



First, Second, Third and Fourth Prize Winners in Aged Cow Class at the International

Photo by Hildebrand

the best roan heifers he had on the farm was a grade from one of his grade milk cows and sired by his pure-bred herd bull, the bull being a roan of prize-winning blood lines and the milk cow a grade Jersey. The calf from this cross looked like a pure-bred Shorthorn and showed neither the color nor form of the grade Jersey dam. What a fine demonstration of the merits of a good Shorthorn sire and the adaptability of the Shorthorn to the farmer's use in grading up his herd. One would think that breeders would use such grades, and many have them, to convince farmers and help sell Shorthorn bulls. But the Shorthorn breeder's business is pure-breds and he does not care to advertise that he has grades—in fact, the breeder who starts a pure-bred herd in connection with his grades gets out of grades as fast as possible. And there are a certain few among farmers who would think that a grade that looked as good as a pure-bred would be as good to use, which suggests the necessity of more educating and another use for a class at the fairs showing a good grade along with the grade dam and pure-bred sire.

When the grade steer, Challenger, won grand championship at the International in 1903 some failed to see the real significance of the winning—a boost for the use of pure-bred sire—and thought they saw in it a victory for a grade over a pure-bred. I was impressed with this fact by a review of Challenger that appeared in a big city daily, in which the

writer stated that "the winning of Challenger, a grade, was about the hardest blow that pure-bred interests had yet received." Stirred up by such unwarranted statements as that I was prompted to make a reply that showed more fully and strongly than space will permit here that the winning of a grade steer good enough to win at the International, and sired by a pure-bred bull, should encourage farmers to use pure-bred bulls, that it was the use of pure-bred bulls—not grades—that eliminated the old-time inferior Texas long-horned steers and graded up the range steers until we are getting better steers from the ranges than we are from the corn belt farmers who do not use good pure-bred bulls. Also that the use of a grade sire, however good, is a failure because of the danger of atavism, or harking back in breeding, which means breeding after the grade's inferior ancestors instead of after himself. While the pure-bred sire with individual merit by inheritance will give good results as a sire, because his ancestors, as well as himself, being good, it would make but little difference whether he bred after himself or his ancestors. The sire of Challenger was a pure-bred and the dam a grade, said to have both Holstein and Shorthorn blood. Had this grade dam been exhibited with Challenger perhaps it would have been clear even to a reporter of a daily that the winning of a grade would not mean that grades were as good as pure-breds for breeding pur-

poses, especially if he knew anything of Mendel's law, or of atavism, or was even an observer of the human race. A sort of a Mendel's law chart explaining the harking back or atavism in breeding might be a good educational feature in connection with the suggested demonstration showing the pure-bred sire and grade dam in connection with the grade calf.

There are other Shorthorn opportunities that might be mentioned. Much might be said in favor of organizations that would promote more of a fraternal spirit among breeders and farmers, and a co-operation that would be helpful to both the breeder and the buyer. Such organizations already exist, some of them formed as breeders' associations, some formed under the leadership of the county agent, as co-operative associations. All are helpful and all could well include business men and especially the banker, who is in a position to encourage or discourage investments in pure-breds. The more the breeders of pure-breds keep free from fads and fancies that look foolish to the farmer and the banker the more real progress will there be and the more substantial will be the business.

And, finally, a breed that can show as many good bulls and great sires has no serious faults and the stability of the business is abundantly evidenced by the splendid progress and popularity of the Shorthorn and by a strong demand at good prices, all of which is most encouraging and augurs well for the future.

SHORTHORNS IN THE CORN BELT By C. J. McMaster Altona, Ill.

On the broad fertile prairies known as the Central Corn Belt of America we find a condition in agriculture that possibly is not equaled elsewhere on our great American Continent.

Nature has been liberal in supplying these lands with the necessary elements of soil fertility required in the production of large crops of grain and forage.

Naturally prices on these lands have advanced to a level unknown to other agricultural sections in this country. If we are to continue this high standard of excellence it is imperative that we adopt a crop rotation in which livestock enters largely.

This livestock, in the opinion of the writer, should be a product of the farm on which they are grown and finished.

Here is the practical home of the Shorthorn, it is not my intention to decry the merits of other breeds, nevertheless, it is an undisputed fact that under corn belt conditions the infusion of Shorthorn blood will combine more scale, more pounds of flesh for feed consumed, with a more liberal flow of milk than any other breed of beef cattle.

Owing to the pressure of work always at hand and the nature of the crops produced, these farms are destined to confine their efforts largely to the breeding, growing and finishing of prime young beef. However, if milk be re-

quired it can always be found in abundance and of good quality from every herd of Shorthorn cows. While the call for Shorthorns is steady, and comes from a wide range of territory, the corn belt has, and ever will continue to require, the larger number of the red, white and roans. In fact, I feel safe in asserting that if these farmers should discard their grade and cross-bred bulls, replacing them with pure-bred sires, the number of Shorthorn bulls available for this use would not supply fifty per cent of the demand.

I have in mind a number of energetic young farmers in my immediate neighborhood on whose farms each year is produced a crop of young beef. These farmers are fairly successful and find it profitable to breed their cattle rather than to buy them on the open market at competitive prices which leave little, if any, margin of profit at the end of the feeding period.

I find that in too many cases little attention is given to quality in selecting the bull. The few dollars thus saved through the purchase of a cheap and inferior bull costs the owner the difference between the ordinary and a prime article of baby beef. Rations in both cases being the same.

I am directing these lines to the corn belt farmers, not as a breeder of pedi-

greed Shorthorn cattle, but as a fellow farmer who is thoroughly cognizant with conditions as they exist on these farms today.

Ruling prices for grains do not encourage extensive feeding operations at this time. Brood cows require little, if any, grain during the winter.

The by-products, such as stalkfields, straw, silage, clover hay and other cheap roughage constitute an ideal maintenance ration for these cows during the winter months.

These so-called by-products have little, if any, cash value. This being true, will not what these cows return to the land largely offset their keep from grass to grass?

The produce of these dams, with proper care, will give the greatest amount of gain for the least amount of grain consumed, developing into prime baby beef of a quality that can be produced only in the Corn Belt of America.

The farmer whose livestock is largely a product of his farm is seldom heard to complain of unsatisfactory market conditions. As the price of our lands have advanced so let us advance our methods, give the broad prairies of these great states an opportunity of showing what they can produce when more farms include in their rotation the breeding, growing and finishing of prime baby beef.

The Reynolds Mortgage---A Story

By Frank D. Tomson

John Reynolds had been a good neighbor; kindly, obliging, patient and industrious. He settled in the valley a score of years before on an eighty partly paid for and fairly well improved. He had farmed with some success and cheerfully, but hard work and self-denial had been his portion through the passing years. In a period of optimism he acquired possession of a quarter section joining his own, and better improved. With some misgivings his wife accepted the burden which the largely increased debt involved, and they and their son, a lad of sixteen, began the task of farming on a larger scale in the hope and with the purpose of reducing the debt. But scarcely had they become adjusted to the new order of things when John Reynolds was taken ill, and after several weeks of anxiety and suffering he passed on to his reward, leaving his helpmate and sturdy son to meet the responsibilities of life.

The day of the burial was damp and dismal, adding to the gloom of the occasion. One by one the neighbors had spoken their words of sympathy and driven homeward, and darkness had settled down. A chapter had closed on that dreary November day and a sad mother and son watched the glimmer of the firelight and heard the drip from the eaves without and felt the gloom which prevailed. Finally the mother spoke encouragement, and felt it as she spoke, "Son, we have a work to do and we will do it some way and somehow, but before we think of it further, let's rest, for we're both weary, and then we'll decide on our course. It's going to be hard, I know, but some way we'll win. And now, my boy, good-night."

During the short days which followed many neglected tasks were accomplished. In the adjustment of the estate, the debt loomed large in proportion and not a few of the neighbors advised the sale of the farm on this account, some of whom had an inner yearning to become its possessors. But Fred, who had the kindly nature of his father, inherited from his mother a tenacity of purpose and a courage that proved a controlling factor in his after life. He and his mother spent many winter evenings in talking of their situation and affairs.

Fred had long felt a desire to own improved stock, but his father had not inclined noticeably in that direction. The desire grew and as he acquired through various channels a better knowledge of improved cattle, his longing resulted in a purpose. On more than one occasion he had sought the advice of a neighbor, whose experience justified him in so doing and whose counsel had already been helpful. Talking with his mother one evening, he told her of his ambition, and while she concurred in the desire, she was inclined to urge caution on account of the debt and the lack of avail-

able cash with which to make the investment. Fred argued that the debt had nearly five years to run and that to make the most of the farm crops they should have good stock to consume them.

A day or two later he talked again with his neighbor and expressed his view so far as it had taken shape. He said, "It seems to me if we could buy a few females—maybe ten head, or even five—we could sell some of the calves along to pay the expenses, and by the time the mortgage is due have enough cattle to sell to meet it, or at least, pay most of it. I have been reading a good deal about the business and I would like to try it." His adviser recognized the logic of his argument and finally suggested that if his mother was favorable to the venture he would go with him to a certain breeder of his acquaintance and see what could be done, adding that he himself would furnish the necessary money for the investment.

And so it came about that Fred was able to buy ten cows with calves at foot. Through the counsel of his friend and the seller, he secured useful cattle of blood lines that were in favor. And here a new and interesting chapter in his life was begun.

He displayed the liveliest interest in his purchases but never lost sight of the main object of their selection—the payment of the debt. He applied himself to the farm work, and many long, weary days he toiled—not always with a buoyant heart and against recurring obstacles, but he toiled and thought and hoped. On Sundays, after returning from the country church, he frequently spent hours in the pastures among the Shorthorns, and many were his dreams. He made it a practice to keep the cattle in pastures in view of the highway, and passers-by noted that they were better than were seen in other pastures along the road. Frequently teams were stopped

at the roadside, and occasionally the occupants of the vehicles would alight and stroll into the pastures among the cattle.

Late one afternoon a man drove into the yard and asked for the "boss." Fred modestly admitted that he was in charge. "What do you want for the big bull calf, the red one?" asked the man. Fred replied that he had expected to get one hundred and fifty dollars for him after he was weaned. The man gave a low whistle and finally said, "That's a lot more than I ever paid for a bull, but I'll admit I never owned as good a one." Fred assured him that he was not only a good calf, but that he was bred from stock that was good and that he would expect him to be a good breeder, adding, "You know he is a full-blood and registered." The man turned his team as if to depart, but stopped abruptly and said, "By Jinks, if you'll keep him till the first of the month I'll write a check for the one hundred and fifty." Fred readily agreed and advised that the calf be left until after he was weaned and well started on feed. The check was filled out and signed, "James Brown." Fred watched the departure of his first patron, then went about his chores with the prized check in his pocket. He was summoned shortly by his mother's call to supper and after being seated at the table she inquired the identity of the man who had driven in. For reply the check was produced, and when she comprehended its significance she smiled through her tears, saying, "I'm beginning to understand now."

Never before had a calf sold in the community for an amount nearly approaching that figure. Fred was greatly encouraged and during the fall and winter disposed of two other calves at similar prices. When four years had passed, the herd had increased in numbers to over fifty, the male produce having been disposed of except a few of the calves. The sire of the young stock had proven a valuable breeder and this fact had



Courtesy J. D. Waters, Dawson, Ill.

First Prize 2-Year-Old Shorthorn Car Lot

Photo by Hildebrand

attracted the attention and favor of a number of reputable breeders in other parts.

The mortgage was due in March and Fred had thought of making a public sale in the hope of meeting it. He discussed the matter with his mother, and also with his neighbor whom he still frequently consulted. The plan seemed wise and arrangements were made accordingly. Having become sufficiently familiar with the agricultural papers, he was able to advertise discreetly. Many details had to be worked out and he sought his information from reliable sources. Months passed and in due time the sale was announced in the press, the main fact of interest being that the offering was largely the get of Improver. Requests for catalogs largely exceeded Fred's expectations, and when on the day before the sale several well-known breeders came and looked over the cattle, he was elated. Others from distant points came on sale day and the neighbors came in large numbers, among them his friend and counsellor, Robert Cowan. Fred noted with something akin to exhilaration that his daughter, Mary accompanied him. In the many visits Fred had made to the Cowan home he had formed an admiration for Mary, to which she seemed not entirely averse. Fred greeted them and hurried about his duties, wondering the while whether Mary had come from college just to attend the sale. As he worked he wondered—and doubted—and hoped.

The offering numbered forty head and Fred had hoped the aggregate of the sale would total between five and six thousand dollars, an amount that would fully pay the debt. The hour came to open the sale. The auctioneer, a man of wide experience, made appropriate reference to the herd and introduced James Brown, who said tersely, "I bought the first bull this young man sold, a half-brother to Improver, and my steers by him have topped the market each year." Then Mr. Cowan addressed the assemblage, saying, "I have taken some pride in the way Fred Reynolds has conducted

had sought his counsel five years before and recalled the history of the transaction and subsequent progress, and what was of further importance, the improvement his cattle had wrought in the immediate neighborhood. He closed with the statement: "I have never witnessed a better object lesson in industry, integrity and improved standards of livestock than Fred Reynolds' operations present." Fred was busy in the barn aiding in getting the cattle ready and wondered what the applause in the tent meant.

The first animal was led in and sold readily for \$175; the second for \$340 and the next for \$310. It was evident that



Courtesy Eben E. Jones, Rockland, Wis.

Jubilee Cumberland

the cattle were approved by the bidders. When twenty head had been sold, over \$5,000 had been obtained and twenty yet remained unsold.

Fred led in the next lot, a beautiful roan two-year-old heifer, and stated that, as his mother had worked hard, he wanted to acknowledge it in part by giving her this heifer. "I selected this one," he said, "because I think she is the best of the heifers." For an instant there was a lull, then a hearty applause followed, which quite embarrassed him. The bidding was spirited and resulted in the sale of the heifer at \$430. Fred glanced half inadvertently at his mother, who sat high up in the seats, and was rather nonplussed to note her wiping her eyes. He caught an approving smile from Mary who sat near her, and endeavored to cover his confusion by readjusting the halter he held. When the last animal had been sold, a total of \$8,700 resulted.

In the hour that followed the closing of the sale Fred received numerous congratulations and was kept busy with the duties incident to the event. Needing some information relating to one of the animals sold, he hurried to the house in quest of it. His desk was in an alcove off the dining room, and while he was intently looking through the files for the data, he felt a gentle touch on his arm, and looking up abruptly he beheld Mary Cowan, as the crimson mounted to his temples. "I came to say 'good-bye,'" she said, "for I go back to college tomorrow, and to tell you how pleased father and I are with your accomplishment—and how

proud I am—of—of you. I congratulate you, but most of all for your consideration of your mother."

The frankness with which she spoke, and her natural fascinating charm, as she offered her hand, caused an awkward boy to neglect his errand and forget his diffidence, and impulsively taking her in his arms he gave expression to many months of fond, boyish hopes in the kiss which he printed on her lips.

* * *

Let us draw the curtain here. A new chapter, sweet, wholesome, refining in its influence has begun in the making of Fred Reynolds, the man.

COTTON COUNTY (OKLAHOMA) SHORTHORN BREEDERS ORGANIZE

We are indebted to J. L. R. Nail, Duncan, Okla., for the following:

"Evidence of the increasing interest in Shorthorn cattle in southwest Oklahoma and of the advantage which stock raisers generally recognize in the Shorthorn, was shown by the enthusiasm with which the farmers and stock raisers of Cotton County organized the Cotton County Shorthorn Breeders' Association, November 13, at Walters, Okla.

"The following officers were elected: J. L. Rhoades, president; Fayette Schwalbe, vice president; Ress Way, secretary-treasurer.

"Interesting addresses were made by W. B. Tucker, farm demonstrator for Stephens County; F. F. Ferguson, agricultural agent for southwest Oklahoma; H. T. Blake, president of the Stephens County Shorthorn Association, and others. Action was taken with a view to securing a demonstrator for Cotton County. The Association took steps toward providing \$500 for this purpose.

GEORGIA SHORTHORN BREEDERS ORGANIZE

On the evening of October 18th, the Shorthorn breeders of the state were assembled at the Piedmont Hotel, Atlanta, Georgia, for the purpose of organizing a Georgia Shorthorn Breeders' Association. The meeting was attended by a very enthusiastic crowd of breeders from not only Georgia, but other states as well. Mr. W. B. Roddenberry acted as temporary chairman.

Speeches were made by Dr. Soule and Prof. M. P. Jarnagin of the State College of Agriculture; F. W. Harding, Carpenter, Allen, Pratt, Jackson and Scofield of the American Shorthorn Breeders' Association, and others.

The following officers were elected for the ensuing year: E. J. Willingham, Macon, Georgia, president; J. D. Weaver, Dawson, Georgia; L. F. Edwards, Athens, Georgia, and J. F. Jackson, Savannah, Georgia, vice presidents, and T. G. Chastain, Atlanta, Georgia, secretary and treasurer.

There were thirty-five members enrolled with a membership fee of \$5.00.



Courtesy Robert Crain, Mount Victoria, Md.

Glorious Dale 2d

his business and I wish to say that I personally will stand back of any proposition he makes here today. For the benefit of those who may not know me, the banker can tell you whether or not I am good." He briefly related how Fred

Wisconsin Shorthorn History



Courtesy Tomson Bros., Carbondale and Dover, Kan.

Photo by Risk

The Breeding Herd. An Ample Feed Supply Is an Important Factor. Note the Silos

(Continued from last issue)

Mr. Clinton Babbitt, Hemdoka Farm, Beloit, Wis., was in the region before the Civil War, but did little in the way of Shorthorn breeding until late in the '60s. At the beginning of the period following 1870, he had gathered quite a herd of pure-breds, and during the next few years he was quite a power in the Shorthorn world. In August, 1871, he sold several good animals to Mr. George Graves, Rochester, Minn. The Rochester Post, in reporting the sale, had the following comment: "Mr. George Graves has recently imported a fine drove of pure-bred Shorthorns. These animals, bred by Mr. Clinton Babbitt of Beloit, Wis., are the finest animals ever brought into the state. Mr. Graves is to be commended on this purchase, the animals are a credit to the community, and to the state."

The animals which Mr. Graves purchased were Duke of Hemdoka, Marion, Belle Richards, Marion 2d, and Maggie Patterson. Shortly after this, Mr. Babbitt also sold Althorp Lad, by Duke of Hemdoka 7947, to J. M. Cobb of Beloit. In January, 1872, Mr. Babbitt sold the 2nd Duke of Thorndale, by Duke of Thorndale 8695, out of Marie Louise, to Wm. Taylor of Beloit. The following spring he sold Venerator 13076 to George Murray and 2nd Duke of Hemdoka 11073 and Marie Louise to Noble Bros., Beloit. Mr. Babbitt was not actively engaged in the Shorthorn business during the next three years, exerting most of his energies to the production and training of standard bred horses. In November, 1875, he sold out all of his horses and went into Shorthorns again on a more extensive scale than ever. The same month he purchased the small, but select herd of Shorthorns bred by C. S. Dale of Illinois. The spring following this he sold ten head of breeding stock to different Wisconsin parties.

Many of Mr. Babbitt's early animals had been descended from Fremont 516, the famous bull owned by Richard Richards, Racine. Mr. Babbitt had later

owned this animal, as well as several other animals of Mr. Richards' breeding. In August, 1876, the National Live Stock Journal published a statement in which doubt was expressed as to the purity of the pedigree of Fremont. Mr. Babbitt came back with a statement in which he vigorously defended the bull. Later he proved conclusively that the bull was pure bred. He was helped in this by a statement from J. P. Reynolds, of Chicago, a one time owner of Fremont and the first editor of the National Live Stock Journal. Mr. Babbitt continued to breed Shorthorns for many years, but the business was on the decline during the late '70s and he, as well as most other breeders, accomplished little of note.

H. B. Sherman, proprietor of the Plankinton Hotel, Milwaukee, owned Spring Brook Farm, at Burnett Junction, upon which he bred pure-bred Shorthorns. Mr. Sherman was strictly a fancier and a lover of the breed. He purchased many fine animals and had a first class show herd, but we can find records of but few sales from his farm. He purchased the nucleus of his herd in Ohio from R. G. Dunn and Mr. Fullington. Early in 1873 he bought the cow Minne Napier from W. B. Dodge, Waukegan, Ill., for \$700. This and other purchases, from time to time, during the following years, gave him a fine herd. Mr. Sherman, of course, could give but little attention to the actual breeding of these animals, leaving this to the judgment of his foreman, John Story, one of the best cattlemen of the time. Mr. Sherman was also one of those breeders who was not swayed by the whims of fashion, always breeding animals for quality and merit rather than for pedigree. In 1878 he had a large herd of animals, judged by many experts to be one of the finest herds in America at that time. That year he took charge of a new hotel at Indianapolis and was forced to sell his entire herd. The sale was held May 30th, but inclement weather cut down the attendance so that not more than half of the twenty

animals offered were sold at this time. Mr. Sherman, however, gave up the actual breeding proposition and later sold his remaining animals.

Mr. Clinton Matteson, Fond du Lac, began breeding Shorthorns some time in the late '60s, but did not engage actively until 1871. In August of that year, he purchased three mature cows from James N. Brown, Berlin, Ill. These were Blossom, by Chicago Duke 3753, Nelly, by Toland 6251, and Ruth Smith, by Imp. King Alfred 3053. The following spring he purchased fourteen head of pure-breds from William Williamson, Arcola, Ill. These two purchases gave Mr. Matteson one of the finest herds of breeding stock in the state. From this time on he was one of the most important breeders in the state, dealing in breeding animals for many years. During the later '70s he did little in the way of sales, but still continued in the business for some time.

Mr. Eli Stilson, Oshkosh, was also a fancier in choice Shorthorns, breeding more for the love of the breed than for monetary gains. Some of his first animals were the three purchased from Edward P. Brockaway in August, 1871. These were the bull Oakhurst Airdrie and the two cows, Zerapha and Mistletoe 3d. The following August he purchased the cow Zelda, also from Edward P. Brockaway. These gave him the foundation for a fine herd. Following these purchases were many others from time to time. One of the best animals he ever owned was the bull Loudon Duke 11th by 5th Duke of Geneva 7932, purchased from E. G. Bedford, LaFayette County, Kentucky, in June 1873; also Miss Rose 4th, from George Murray, in April, 1873. By this time he had one of the choicest herds in the state. A choice cow which improved his herd considerably was the 4th Duchess Louan, also bought from E. G. Bedford. Other famous animals which Dr. Stilson owned were Imp. Lady Knowlmore, purchased from Simon Beattie and Medora A, purchased from J. H. Pickrell. Some of the most important sales made by Mr.

Stilson were to R. Eldred, Calumet County, bull calf Airdale Gen. and to Birch & Scott, Outagamie County, the bull Loudon Prince 20290. These were in 1876. No record can be found of Mr. Stilson's activities during the late '70s, but he still continued in the business after this period.

No record can be found of J. C. Mitchem's, Genessee, first venture in the breeding of pure-bred Shorthorns, but in January, 1871, he sold the bull Genessee Lad, by Hero, to John Chamberlain & Sons, Beloit. This sale and others followed in rapid succession, showing that he was already well established in the business by 1870. In November, 1872, he sold two bulls to P. McGooch of Milwaukee and also another cow to the Chamberlains. Mr. Mitchem seemed to have quite a large herd of Shorthorns, as he made many sales and was an advertiser in the agricultural papers of the time. He is never mentioned in connection with any of the big sales of the period, evidently doing business with the smaller breeders of the state. He was inactive during the last years of the decade, but no record can be found as to whether he went out of business or not.

E. and J. Smith, Rochester, were also breeders who began the breeding of Shorthorns some time previous to 1870. In March, 1872, they sold four animals to different Wisconsin farmers. From this time on they were actively engaged in the business, breeding and selling many animals to Wisconsin breeders. These men had a large herd as they have many registries in the herd books of the period. In February, 1874, they sold Susan Pell, by Paris 1895, out of Susanna, by Rothersthorpe 928, to George Nixon of Bristol; General Sheridan 12038 to Howard & Towers, Omro; Prince Edward 15200 by General Sheridan, to Mr. Taggart of Walworth County. During the next three years Messrs. Smith made but few sales, but in April, 1877, they sold twelve head, all to Wisconsin men. In October of the same year they sold their remaining animals at a public sale conducted at Waukesha in connection with George Harding & Son.

Mr. John Chamberlain, Beloit, had been a breeder and exhibitor since 1857. That year he was an exhibitor at the state fair for the first time. Following this date he continued to breed in a small way all through the Civil War period. During the decade following 1870 he and his sons founded the herd that later became famous. During these years the Chamberlains made few sales and not a great many purchases, their efforts being confined largely to building up a choice herd by judicious purchases and by careful breeding. Some of the more important of these purchases are: The bull Genessee Lad from J. C. Mitchem in 1871, Belle Brent 3d from W. Warnock of Kentucky in 1874. By 1879 the Chamberlains had their herd well established and were fast becoming important breeders.

The famous herd of Anoka Shorthorns, bred and owned by Mr. George Harding,

was founded in 1870. One of the first purchases of foundation stock was in 1874. At this time Mr. Harding purchased four young cows, Young Evangeline, Mayflower 2nd, Rhoda 3d, and Rhoda 4th, from C. C. Parks, Waukegan, Ill. The following year he purchased a bull, Baron Bertram 6th, also from Mr. Parks. These animals gave him the foundation for a first class herd. In June, 1876, Mr. Harding made his first important sale. This was the sale of five animals to different Wisconsin breeders. By 1877 he had a fair-sized herd of good animals and is first found as an advertiser in the National Live Stock Journal. That fall Mr. Harding held his first public sale. This is the sale already spoken of, at which Mr. Harding and the Smiths of Rochester sold twenty-two head of pure-breds. Mr. Harding merely founded the herd during this period which later made him famous. His real fame came at a later date, but by 1879 he had a herd of remarkably good animals.

These men who have been named are important because they were either pioneers in the industry or because they were extensive breeders at the time. Other men who were breeding Shorthorns at that time and who later became of more or less importance as breeders are: John Zuill, Johnstown; Howard & Scott, Omro; J. C. Kiser, Oregon; Wm. C. Kiser, Madison; A. C. Ludlow, Monroe; J. I. Case, Racine; Ogilvie & Curtis, Madison; J. C. Comfort, Linden; Walter Little, Janesville; David Lee Baraboo; D. J. Spaulding, Black River Falls; J. M. Cobb, Beloit; E. W. Sylvester, Montfort; M. H. Wilson, Menomonie; H. Ludington, Milwaukee; C. M. Clark, Whitewater; Geo. Nerison, Utica; E. R. and M. Bailey, Baldwin; A. A. Arnold, Galesville, and G. P. Burnett, River Falls.

Many of these men became quite important breeders at a later date and must be given much credit even during this period in that most all were pioneers in their respective regions. Any man who owned even a single bull is deserving of much credit, for he was rendering his community and his state a great service.

At the beginning of this period the Shorthorn business was enjoying the greatest boom it had ever known in America. Animals were not imported fast enough nor could not be produced fast enough to supply the demand. This state of affairs existed for several years. The year of 1873 was the best of all if number of sales and high prices are used as the basis of comparison. From 1873 until 1876 the business was very good as a rule. Wisconsin was somewhat of an exception to this, as the break in prices occurred here by 1874. The Shorthorn business during the early '70s had been feverish, and accentuated by highly inflated prices, largely due to the operations of the speculators. By 1876 this tendency had largely disappeared; many of the men who had been purely speculators, unable to keep up the pace any longer, had been forced to the wall; prices were based more on the real worth of the animal; animals were valued more on account of the real merit they possessed than upon pedigrees. This was a good thing for the business as the demand was just as great as before, the smaller breeder now being able to get animals at a reasonable figure. In Wisconsin the year of 1876 was characterized by an apparent lack of interest on the part of breeders. This really indicated that the business was assuming a healthier tone. Importations of high priced animals were not as abundant, but the minor sales throughout the state were more numerous, which



Courtesy The Maxwell & Miller Cattle Co., Steamboat Springs, Col.

Photo by Hildebrand

Maxwalton Pride 2d, First Prize 2-year-old Bull, Sold for \$6,600 in the International Sale

was of more importance to the live stock industry here than was the importation of a few over valued animals.

The decade following 1870 can be thought of as a shifting of scenes. Many of the pioneer breeders who were breeding Shorthorns almost from the beginning had gone out of the business by the beginning of the period and their place had been taken by new men. The more important of these pioneers who had practically given up the game by 1870 are Seymour Brooks, John P. Roe, Harvey Durkee and Richard Richards. Other men who started in the business during the early days and who bred

Shorthorns during the period just discussed, but who had gone out of the business by 1880, are George Murray, Samuel A. Tenney, Ed P. Brockaway, and William Rhodes.

From their first introduction into the state the Shorthorns had been the favorite for both beef and dairy. During the '70s many of the Shorthorns which were imported in the state were of the beef type, whereas the early animals were almost invariably of milking strains. This gave the strictly dairy breeds the opportunity to displace the Shorthorn as the dairy animal of the state, which they soon did shortly after

this period. The Shorthorn still reigned supreme as the beef animal of Wisconsin, and other middle western states.

This period also witnessed the spread of the breed from the few southern counties to practically every settled county of the state. By 1880 the breed was firmly established as the beef breed of the state; breeders were numerous and well spread over the state. Breeding animals were quite numerous and business was beginning to take on a normal tone by 1880 so that one could look for a prosperous period during the years following.

(Continued in next issue)

A Study of the Shorthorn Awards of the International Live Stock Exposition

Introduction

Census figures for the period 1900-1915 show an increase in population of the United States of 32.1%, while the number of cattle, other than milch cows, showed an increase of 30.8%. The prices paid for steers in the Chicago market in May, 1900, were \$4.50 to \$5.80 per hundred weight. The same week in May, 1916, yielded \$8.75 to \$10.40 per hundred weight on the same sort of stock. The fact that the numbers of cattle are not keeping pace with the increase in population, and that the value of cattle is 90-100% higher than in 1900, proves conclusively the need and demand for beef cattle in America. To meet these needs and demands the beef herds in the United States require a considerable increase in their numbers in the next few years. The field for beef cattle is largely in the west and experience has proven the adaptability of the Shorthorn to this section of the country, especially the Pacific Northwest. Increased interest in the beef industry and the popularity of the Shorthorn breed in this region has led the writer to the investigations presented in this thesis.

By Robert R. Miller

University of Idaho.

Purpose

This thesis consists of a study of show-ring awards with the view of throwing light on the following problems that concern the breeding of Shorthorn cattle:

1. Which strains have produced the greatest number of winning animals?
2. Which are the outstanding sires of the breed?
3. Which dams have exhibited the greatest breeding qualities in producing young?
4. Who are the leading breeders during the fourteen year period?
5. Who are the leading exhibitors?
6. At what age does the sire get his best calf?
7. At what age does the dam produce her best calf?

Method

The awards at the International Live Stock Exposition at Chicago, Ill., for the fourteen year period 1900-1913 inclusive, have been examined for the purpose of securing information on the points outlined above. This show is the greatest live stock show in America and for this reason was chosen to supply the necessary information.

In order to get the desired information it was necessary to secure the names, ages, ancestry, breeders and exhibitors of the animals which figured prominently in the awards. To prevent duplication and at the same time secure sufficient data, the first four places in both the male and female classes have been studied.

The source of information for the awards of the show and the pedigrees have been supplied by the American Shorthorn Herd Book, the American Shorthorn Breeders' Association, the Breeder's Gazette, and the International Live Stock Exposition, for which the writer expresses due thanks.

The tables which follow show in detail the facts secured.

TABLE No. 1—AWARDS 1900

Award.	Name.	Sire.	Age.	Name of Dam.	Age.	Breeder.	Exhibitor.
Aged Bulls							
1	1st Star of North 132076	Lord James	2	Zoe 2nd	8	A.M.&W.M.Law (Scot)	I. M. Forbes & Son
2	Gwenallen 124438	Baron Cruickshank 3rd	1	Gwendoline 2nd	8	E. B. Mitchell & Sons	Abram Renick
3	Best of Archers 141832	Scottish Archer	11	Brenda	3	William Duthie (Scot)	Geo. Harding & Son
4	Sharon Marshall 121136	Young Marshall	3	Lady Sharon	3	Aaron Barber	W. A. Boland
Bulls, 2 Yr., Under 3 Yrs.							
1	The Lad for Me 140618	St. Valentine	3	Gay Lavender	4	J. G. Robbins & Sons	Same
2	Prince Armour 127794	Baron Cruick 3rd	2	Imp. Princess Alice	11	E. B. Mitchell	Same
3	Deputy Marshall 139707	Sharon Marshall	3	English Lady 13th	2	Aaron Barber	W. A. Boland
4	Iowa Champion 135081	Baron Cruick 3rd	2	Gipsy Maid	3	E. B. Mitchell	George Harding & Son
Bulls, 1 Yr., Under 2 Yrs.							
1	Justice 140578	Arthur	1	Jolly Jilt 2nd	3	C. E. Clarke	Same
2	Golden Victor 138972	Salamis	7	Golden Victoria	2	C. E. Norton	Same
3	Conqueror 149048	Wanderer	9	Missie 152nd	2	W. S. Marr (Scot)	C. L. Gerlaugh
4	Verbank 153314	St. Valentine	4	Verbera 4th	3	J. G. Robbins	Same
Bulls, 6 Mos., Under 1 Yr.							
1	The Admiral 156839	Gwenallen	3	Minnie 27th	5	A. Renick	Abram Renick
2	Star's Champion 158289	Star of North	2	Queen of Scots 8th	3	I. M. Forbes & Son	Same
3	Proud Star 158285	Star of North	2	Queen of Scots 9th	2	I. M. Forbes & Son	Same
4	Searchlight 158288	Star of North	2	Mary Gloster	4	I. M. Forbes & Son	Same
Bull, Under 6 Mos.							
1	Royal Vanguard 152552	Vanguard	3	Rosemary 5th	10	H. F. Brown	Browndale Farm
2	Golden Leaf 157609	Golden Fame	3	Ivy Leaf	7	C. E. Clarke	C. E. Clarke
3	Roan Gauntlet 158286	Star of North	2	Roan Pearl 4th	6	I. M. Forbes & Son	Same
4	Thomas Wornall 151953	Baron Lavender 4th	2	Mary Ann of Var. Grove	6	George W. Thomas	J. D. Douglass & Son
Aged Cows							
1	Lady Sharon 4th v42 p426	Young Marshall	5	Lady Sharon	5	Aaron Barber	W. A. Boland
2	Dorothea v45 p645	Crimson Chief	5	Lady Jane Hutton	5	Charles Rankin	C. E. Clarke
3	Sweet as Ever v41 p696	Victor of Homewood	2	Pride of the Farm	6	J. R. Peak & Son	Same
4	Rosebud v40 p768	Eminent Commander	3	Blushing Rose	6	William Moffat	E. B. Mitchell

Award.	Name.	Sire.	Age.	Name of Dam.	Age.	Breeder.	Exhibitor.
Heifer, 2 Yr. and Under 3							
1	Rose Princess v42 p927.	Alice's Prince.	1	Rosebud.	4	E. B. Mitchell.	Same
2	S. Charity 5th v43 p916.	Salamis.	6	Sweet Charity.	7	C. C. Norton.	Same
3	Minnie 30th v48 p552.	Royal Scot.	4	Minnie 26th.	3	A. Renick.	A. Renick
4	Countess 3rd R. E. H. B.						C. E. Clarke
Heifer, 18 Mos., Under 2 Yrs.							
1	Ruberta v 45 p1084.	St. Valentine.	4	Russella.	4	J. G. Robbins & Sons.	Same
2	Welcome of M. L. 6th v45.	The Baron.	3	Welcome of M. L. 4th.	2	C. E. Clarke.	Same
3	Sweet Char. 7th v45 p1020.	Salamis.	7	Sweet Charity.	7	C. C. Norton.	Same
4	Rosy O'Grady v45 p1084.	St. Valentine.	4	Rosebud.	3	J. G. R.	Same
Heifer, 1 Yr., Under 18 Mos.							
1	Missie 165th v47 p271.	Capt. Inglewood.	2	Missie 156th.		W. S. Marr (Scot).	C. L. Gerlaugh
2	Bonnie Lassie v48.	British Lion.	2	Sowersby Bride Elect 2d.	3	Wm. Linton.	Geo. Harding
3	Village Gift.						
4	Cleopatra.						
Heifer, 6 Mos., Under 1 Yr.							
1	Sassy Frantic v47 p582.	Sass Me Not.	2	Valley Frantic.	4	J. G. R. & S.	Same
2	Lady Hamilton v48 p193.	Marquis of Zenda.	2	Madge Hamilton.	6	W. C. E. & Co.	Same
3	My Hannah Lady v47 p501.	Prince Armour.	1	Annie Washington 11th.	10	E. B. M. & S.	Same
4	Snowball v47 p202.	Blue Jeans.	5	Snowflake.	6	J. D. Douglass & S.	Same
Heifer, Under 6 Mos.							
1	Clarissa v47 p581.	The Lad for Me.	1	Clara 55th.	2	J. G. R. & Sons.	Same
2	Fashion of M. L. v48 p123.	Jubilee Knight.	2	Fashion Fair.	5	C. E. Clarke.	Same
3	Martin M.						J. D. Douglass
4	Sapho v47 p502.	Prince Armour.	1	Secret.	3	E. B. Mitchell.	Same
Get of Sire							
1	Salamis 110075.	Chesterfield.	2	Siren.		Wm. Duthie.	C. C. Norton
2	St. Valentine 121014.	Guardman.	2	Verbenas Lady.	2	Jas. Gardhouse & Son.	J. G. Robbins
3	Baron Cruick. 3d 117968.	Baron Cruickshank.	2	Victoria 79th.	7	E. B. Dustin & Son.	E. B. Mitchell
4	Star of the North 132076.	Lord James.	2	Zoe 2nd.		A. W. & W. M. Law.	I. M. Forbes & Son

TABLE No. 2—AWARDS 1901

Award.	Name.	Sire.	Age.	Name of Dam.	Age.	Breeder.	Exhibitor.
Aged Bulls							
1	Lavender Viscount 124755.	Baron Lavender 3d.	11	Gayety.	8	S. F. Lockridge.	C. E. Leonard
2	Best of Archers 141832.	Scottish Archer.	11	Brenda.		Wm. Duthie (Scot).	Geo. Harding & Son
3	The Lad for Me 140618.	St. Valentine.	3	Gay Lavender.	4	E. B. Mitchell & Son.	J. G. Robbins & Sons
4	Orange Chief 144650.	Orange Duke.	3	Lady Laura 13th.		W. Adams (Scot).	E. W. Bowen
Bull, 2 Yrs., Under 3 Yrs.							
1	Choice Goods 186802.	Remus.	4	Geraldine 5th.		Jas. Durno.	J. G. Robbins & Sons
2	Justice 140572.	Arthur.	1	Jolly Jilt 2d.	3	C. E. Clarke.	Same
3	Golden Victor 138972.	Salamis.	7	Golden Victoria.	2	C. C. Norton.	Geo. Harding
4	Lord Derby 157119.	Abbotsford 2d.	3	Primrose 2d.		Jno. Cran (Scot).	D. R. Hanna
Bull, 1 Yr., Under 2 Yrs.							
1	Nonpareil of C. B. 153672.	Nonpareil Victor.	3	Victoria Sharon 7th.	2	Gen. Bothwell.	Same
2	Cock Robin 192127.	Bright Star.	1	Mavis Clare.	6	G. H. Graham (Scot).	I. M. Forbes
3	Valley Count 157351.	Viscount of Anoka.	3	Lady Valentine.	3	T. J. Wornall & Son.	Same
4	Silver Mist 158474.	Silver Plate.	2	Mistletoe 4th.		Wm. Duthie (Scot).	D. R. Hanna
Bull, 6 Mos., Under 1 Yr.							
1	Nonpareil Hero 170793.	Nonpareil Victor.	4	Grand Herissa 2d.	2	Geo. Bothwell.	Same
2	Money Maker 167569.	Valley Champion.	2	Myrtle 2d.	8	Thos. A. Cotton & Son.	F. W. Cotton
3	Master of the Ring 171376.	1st in the Ring.	1	Missie 154th.	4	C. L. Gerlaugh.	Same
4	Thane of Glamis 172424.	Victor Waterloo.	2	Orange Bud.	2	T. C. Robinson.	Same
Bull, Under 6 Mos.							
1	Ceremonious Archer 171479.	Best of Archers.	4	Lady in Waiting.	5	Geo. Harding.	Same
2	Cumberland B. B. 167064.	Cumberland.	6	Daisy.	11	C. A. Saunders.	Same
3	Pride of M. L. 169285.	Justice.	2	Ivy Leaf.	8	C. E. Clarke.	Same
4	Grand Violet Victor 169182.	Grand Victor.	2	Violet of Maple Hill.	5	Geo. Bothwell.	Same
Get of Sire							
1	Nonpareil Victor 132573.	Count Victor.	1	Nonpareil Bloom.		J. D. Willis (Eng).	Same
2	Banker 130857.	Clan Alpine.	5	Rose Flower.		S. Campbell (Scot).	C. C. Norton
3	Silver Plate 145554.	Waverly.	5	Rosewood 7th.		J. Bruce (Scot).	D. R. Hanna
4	The Lad for Me 140618.	St. Valentine.	3	Gay Lavender.	4	J. G. Robbins & Sons.	Same
Aged Cows							
1	Imp. Cicely v48 p218.	Prince Victor.	2	Christobel.		The Queen (Eng.).	J. G. Robbins & Sons
2	Emp. 12th v48 p218.	Duke of Cathwaithe.	2	Empress 10th.		Joe Harris (Scot).	W. J. & A. C. Baker
3	Dorothea v45 p645.	Crimson Chief.	2	Pride of the Farm.	6	J. R. Peak & Son.	C. E. Clarke
4	Rose Princess v42 p927.	Alice's Prince.	1	Rosebud.	4	Mitchell.	Geo. Harding
Heifer, 2 Yrs., Under 3 Yrs.							
1	Ruberta v45 p1084.	St. Valentine.	4	Russella.	4	Robbins.	Same
2	Missie 165th v47 p271.	Capt. Inglewood.	2	Missie 156th.		W. S. Marr (Scot).	E. W. Bowen
3	Village Rose v47 p213.	Baron Rule.	2	Beauty Rose.	4	Jas. Silverthorn.	W. H. Durrett
4	Wel. of M. L. 6 v45 p646.	The Baron.	3	Welcome of Meadow L.	2	C. E. Clarke.	Same
Heifer, 18 Mos., Under 2 Yrs.							
1	Lovely 30th v50 p908.	Victor Ramsden.	5	Lovely 27th.	5	Purdy Bros.	T. F. Ryan & Son
2	Lady Hamilton v48 p193.	Imp. Marq. of Zenda.	2	Madge Hamilton.	6	W. C. Edwards & Co.	W. J. & A. G. Baker
3	Sunlight 4th v45 p1058.	Bridegroom.	2	Sunlight.	6	J. F. Prather.	C. C. Norton
4	Snowball v47 p202.	Blue Jeans.	5	Snowflake.	6	J. D. Douglass.	W. A. Boland
Heifer, 1 Yr., Under 18 Mos.							
1	Lovely Maid v49 p989.	Banker.	2	Lovely of Greendale.	3	C. C. Norton.	Same
2	Clarissa v47 p531.	The Lad for Me.	1	Clara 55th.	2	J. G. Robbins.	Same
3	Oneida v40 p932.	The Lad for Me.	1	Redrose Berry.	2	J. G. Robbins.	Same
4	Happy Valley v49 p663.	Valley Champion.	1	Mary Lancaster 2d.	7	Thos. A. Cotton & Sons.	F. W. Cotton
Heifer 6 Mos., Under 1 Yr.							
1	Queen of Beauty v50 p534.	Nonpareil Victor.	4	Sharon Rose 2d.	11	Geo. Bothwell.	Same
2	Gloster Girl v50 p712.	Knuckle Duster.	3	Pride of Gloster.	6	Geo. Harding.	Same
3	Lad's Goldie v50 p932.	The Lad for Me.	2	Goldie 44th.	3	J. G. Robbins.	Same
4	Golden Lassie v50 p931.	The Lad for Me.	2	4th Golden Crest.	4	J. G. Robbins.	Same
Heifer Under 6 Mos.							
1	Lad's Rose v50 p932.	The Lad for Me.	2	Blooming Rose.	7	J. G. Robbins.	Same
2	Wild Scot. Rose v50 p534.	Nonpareil Victor.	4	Wild Eyes Victoria.	3	Geo. Bothwell.	Same
3	Julia v50 p1075.	Viscount of Anoka.	4	Ruby of Grassland.	3	Wornall & Son.	Same
4	Phyllis Monrath v50 p713.	Baron Monrath 2d.	3	12th Phyllis Ced.	10	Mitchell & Son.	Geo. Harding

TABLE No. 3—AWARDS 1903

Award.	Name.	Sire.	Age.	Name of Dam.	Age.	Breeder.	Exhibitor.
Aged Bulls							
1	Choice Goods 186802.	Remus.	4	Geraldine 5th.	2	Jas. Durno (Scot).	G. M. Casey
2	Golden Victor 138972.	Salamis.	7	Golden Victoria.	2	C. C. Norton.	Harding & Son
3	Speculator 158475.	Treforest.	6	Lady Blythfield 8th.		W. J. Hosken (Eng).	E. W. Bowen
4	Victoria's Count 141842.	Bapton Javelin.	2	Victoria Counts.		Philo Mills (Eng).	J. F. & J. W. Prather
Bull, 2 Yrs., Under 3 Yrs.							
1	Royal Avalanche 165010.	Baron Lavender 3rd.	8	Almene.	8	S. F. Lockridge.	W. F. Christian & Son
2	Nonp'l of Clo'r B'l 153672.	Nonpareil Victor.	3	Victoria Sharon.	2	Geo. Bothwell.	D. R. Hanna
3	Cock Robin 192127.	Bright Star.	1	Mavis Clare.	6	C. H. Graham (Scot).	I. M. Forbes & Son
4	Valley County 157351.	Viscount of Anoka.	3	Lady Valentine.	3	T. J. Wornall & S.	Same
Bull, Jr. Yrlg.							
1	Rolando 162647.	Colliston.	2	Roan Lady.	6	W. O. Minor.	Same
2	Lavender Lad 172840.	Legal Tender.	2	Lav. of Farm Hill 9th.	8	J. S. Wright.	Same
3	Northern Victor 168893.	Chief Lavender.	2	Lady Victoria 2nd.	6	Jno. Skinner.	Purdy Bros.
Bull, Jr. Yrlg.							
1	Ceremonious Archer 171479.	Best of Archers.	4	Lady in Waiting.	2	Geo. Harding.	Same
2	Pluto of Dalmeny 190925.	Villager.	4	White Primrose.		Earl of Rosebery.	J. G. Robbins
3	Prince Favorite 192646.	Bapton Favorite.	1	Princess Royal 65th.		W. S. Marr (Scot).	C. L. Gerlaugh
4	Gay Englishman 206192.	Bapton Glory.	2	Roan Lady 26th.		W. S. Marr (Scot).	Geo. Harding & Son

Award.	Name.	Sire.	Age.	Name of Dam.	Age.	Breeder.	Exhibitor.
Bull, Sr. Calf							
1	Nonpareil King 192871	Nonpareil Victor	5	Grand Nerissa 2nd	3	Geo. Bothwell	H. D. Parsons
2	King Edward 172814	Bapton Arrow	1	Village Belle	2	W. R. Nelson	D. R. Hanna
3	Ravenswd Admrtn 186157	Lavender Viscount	5	Scotch Missive	7	C. E. Leonard	Wornall & Son
4	Lovely Master 220705	Master of the Clan	5	Louisa	2	Robbins	Same
Bull, Jr. Calf							
1	Royal Wonder 188110	Justice	3	Molly	4	C. E. Clarke	Same
2	Stars and Stripes 182768	Kitchener	2	Mary Anne 6th	5	Jno. L. Reid (Scot)	D. R. Hanna
3	Clover Bud 188484	Nonpareil Victor	6	Lucy V.	5	Geo. Bothwell	Same
4	The Rustler 186803	The Lad for Me	3	Russela	7	Robbins	G. M. Casey
Get of Sire							
1	Silver Plate 132573	Waverly	7	Rosewood 7th		J. Bruce (Scot)	D. R. Hanna
2	Viscount of Anoka 125081	Ducal Crown	2	Viscount Anoka	2	Harding	Same
3	The Lad for Me 140618	St. Valentine	3	Gay Lavender	4	Robbins	F. R. Edwards
4	Best of Archers 141832	Scottish Archer	11	Brenda		Duthie (Scot)	Harding
Aged Cows							
1	Ruberta v45 p1084	St. Valentine	4	Russela	4	Robbins	G. M. Casey
2	The Missie 165th v47 p271	Capt. Inglewood	2	Missie 156th		W. S. Marr (Scot)	E. W. Bowen
3	Stella v48 p69	Star of Morning	9	Beauty 21st		Robt. Brown	E. W. Bowen
4	Ethel v47 p165	Lancaster	5	Mary Lancaster 2nd	6	Thos. A. Cotton	F. W. Cotton
Heifer, 2 Yrs., Under 3 Yrs.							
1	Village Belle 2d v48 p108	Silver Plate	2	Village Belle	2	Duthie (Scot)	D. R. Hanna
2	Vain Beauty v48 p69	Bapton Conqueror	2	Velvet Beauty		Duthie (Scot)	E. W. Bowen
3	Clarissa v47 p581	The Lad for Me	1	Clara 55th	2	Robbins	G. M. Casey
4	Golden Fames Belle v46	Golden Fame	2	Lowville Beauty	8	E. Coulson	Harding
Heifer, Sr. Yearling							
1	Queen of Beauty v50 p534	Nonpareil Victor	4	Sharon Rose 3rd	11	Bothwell	Bowen
2	Peach v50 p1075	Viscount of Anoka	5	Rose Helena 4th	5	Wornall	Same
3	Gloster Girl v50 p712	Knuckle Duster	3	Pride of Gloster	6	Harding	Same
4	Lads Goldie v50 p932	The Lad for Me	2	Goldie 44th	3	Robbins	G. M. Casey
Heifer, Jr. Yearling							
1	Jennie June v50 p1075	Viscount of Anoka	5	Gazelle of Oakwood 2d	7	Wornall	Same
2	Lads Rose v50 p932	The Lad for Me	2	Blooming Rose	7	Robbins	Same
3	Spicy Clara v52 p877	Spicy King	1	Carnation		Wm. Anderson	Harding
4	Julia K. v50 p1075	Viscount of Anoka	5	Ruby of Grassland	3	Wornall	Same
Heifer, Sr. Calf							
1	Fair Queen v54 p941	Royal Prince	2	Frances Folsom 3rd	9	H. K. Fairbairn	Harding
2	Maid of F. 4th v54 p917	Lord Lovel	3	Maid of Fairview	6	Purdy Bros.	Same
3	Lads Secret v54 p932	The Lad for Me	2	Sunrise	6	Robbins	Same
4	Breeders Fame v53 p546	Nonpareil Victor	5	Beauty 27th of Me. Val.	8	Bothwell	Same
Heifer, Jr. Calf							
1	Nellie of M. L. v54 p684	Bapton Ensign	3	Nellie of Carlog 5th	2	Robt. Taylor	D. R. Hanna
2	Princess M. 4th v54 p688	Best of Archers	5	Princess Maud 2nd	5	Harding	Same
3	Rubertress v53	Lovely Lad	2	Ruberta	3	Robbins	G. M. Casey
4	Queen Med. 4th v53 p981	Bridegroom	5	Queen Medora	5	A. J. Rylen	J. F. & J. W. Prather

TABLE No. 4—AWARDS 1903

Award.	Name.	Sire.	Age.	Name of Dam.	Age.	Breeder.	Exhibitor.
Bulls, 3 Yrs. or Over							
1	Imp. Cock Robin 192127	Bright Star	1	Mavis Clare		C. H. Graham (Scot)	I. M. Forbes & Son
2	Royal Avalanche 165010	Baron Lavender 3d	1	Almene	8	S. F. Lockridge	W. F. Christian & Son
3	Non. Clover Bloss. 153672	Nonpareil Victor	3	Victoria Sharon 7th	2	Bothwell	Hanna
4	Blythe Lad 171999	Lad for Me	2	Blythesome 18th	3	Robbins	Moorman & Miller
Bulls, 2 Yrs. Old, Under 3							
1	Ceremonious Archer 171479	Best of Archers	4	Grand Nerissa 2d	2	Bothwell	Harding
2	Burnbrae Chief 191747	Orange Chief	3	Mayflower 4th	5	Bowen	Same
3	Whitehall Sultan 168573	Bapton Sultan	2	Bapton Pearl	3	Deane Willis	E. S. Kelley
4	Pennan Diamond 227589	Daybreak	2	White Rose		Wm. Craigie (Eng)	C. E. Clarke
Sr. Yearling Bull							
1	Royal King Edward 172814	Bapton Arrow	1	Village Belle	2	W. R. Nelson	D. R. Hanna
2	Nonpareil King 192871	Nonpareil Victor	5	Grand Nerissa 2d	3	Bothwell	Parsons
3	Money Musk 187542	Raphael	4	Missies Queen	6	G. H. Burge	Same
4	Prince Caroline 210539	Golden Prince	4	Carol. of Spg. Crk.	2	W. B. Rigg	Robt. Failon
Jr. Yearling Bull							
1	Royal Wonder 188110	Justice 4th	3	Molly	4	C. E. Clarke	Harding
2	Lavender Clipper 203771	Choice Goods	3	Lav. Princess	2	W. D. Flatt	Wm. H. Dunwoody
3	Noble Knight 188106	Red Knight	2	Rose Marchmont	2	C. E. Clarke	Same
4	Invincible Lad 210357	Invincible	5	Queen Isabel	4	M. W. Ludwig	J. E. Francis & Bro.
Sr. Bull Calf							
1	My Choice 224379	Professor	2	Rosebud 61st	5	A. Renick	Same
2	Frantic Lad 210443	Lad for Me	2	Strathallan Girl	2	Robbins	Same
3	Ramsden Lad 203772	Royal Banner	4	Miss Howie 7th	4	Brownale	Dunwoody
4	Nonpareil Perfec. 206047	Nonpareil Victor	6	Kirklev. Beauty	5	Bothwell	Wornall & Son
Jr. Bull Calf							
1	Hampton's Model 210474	Hampton's Best	2	Mabel Washington	3	C. D. Bellows	Same
2	Prince Albert 206212	Royal Star	4	Fairy Flock	3	C. Hintz & Sons	Same
3	Nonpareil Champ. 206646	Nonpareil Victor	6	Victoria Sharon 7th	5	Bothwell	Same
4	Lord Lasalle 208139	Villager	6	Eliza 18th	3	Lord Roseberry	F. W. Cotton
Get of Sire							
1	Red Knight 157136	Favorite	2	Cherry Blossom		D. C. Morris	C. E. Clarke
2	Hampton's Best 170818	Merry Hampton	3	Sec. of H. Farm 2d	3	C. D. Dustin & Son	C. D. Bellows
3	Conqueror 149048	Wanderer	9	Missie 152d		W. S. Marr	Wornall & Son
4	Best of Archers 141832	Scottish Archer	9	Brenda		Duthie	Harding
Cows, 3 Yrs. Old or Over							
1	Village Belle 2d v48 p108	Silver Plate	2	Village Belle	2	Wm. Duthie	Hanna
2	Happy Valley v49 p663	Valley Champion	1	Mary Lancaster 2d	7	T. A. Cotton	Harding
3	Stella Imp. v48 p69	Star of the Morning	9	Beauty 21st		Robt. Brown (Eng)	Bowen
4	2nd Mary of W. v42 p837	Golden Prince 2nd	3	Mary Walnut	3	Lockridge	Christian
Cow or Heifer, 2 Yrs., Under 3							
1	Queen of Beauty v50 p534	Nonpareil Victor	4	Sharon Rose 3rd	11	Bothwell	Bowen
2	Jennie June v50 p1075	Viscount of Anoka	5	Gazelle Oakw. 2d	7	Wornall	Hanna
3	Lads Lady v50 p932	The Lad for Me	2	Monarch Lady 2nd	2	Robbins	Same
4	Mary A. of V. G. p53 p617	Baron Lavender 8th	2	M. Ann of V. Gr. 3.	2	G. W. Thomas	Christian
Sr. Yearling Heifer							
1	Fair Queen v54 p941	Royal Prince	2	Franc. Folsom 3rd	9	Fairbairn	Bowen
2	Lady Dorothea v53 p603	Red Knight	2	Trout Cr. Beaut.	2	Clark	Same
3	Breeders Fame v53 p546	Nonpareil Victor	5	Beauty 27th of Me. Val.	8	Bothwell	Same
4	Lad's Missie v54 p932	The Lad for Me	3	Trout Cr. Missie	2	Robbins	Same
Jr. Yearling Heifer							
1	Welcome of M. L. v53 p604	Red Knight	3	Wel. of Md. Ln. 4th	6	Clarke	Same
2	Vic'tess F. 3rd v54 p18	Lord Lovel	4	Vist. Giltspur	8	Purdy	Same
3	Princess M. 4th v54 p688	Best of Archers	5	Princess Maud 2nd	5	Harding	Same
4	Closterina v53 p1119	Conqueror	2	Duch. of Gloster	3	J. & E. Chimmick	Wornall
Sr. Heifer Calf							
1	Lad's Emma v58 p	The Lad for Me	4	Anna 32nd	6	Robbins	Same
2	H's Qn. of B. v57 p527	Hampton's Best	2	Queen of Butte	3	Bellows	Same
3	Anoka Gloster v57 p709	Best of Archers	5	Queen of Scot. 6th	7	Harding	Same
4	Lad's Clara v58	The Lad for Me	4	Clara 55th	5	W. S. Marr	Robbins
Jr. Heifer Calf							
1	Dew Drop v57 p1028	Conqueror	3	Blythesome 15th	8	Wornall	Same
2	Chrysanthemum v58 p1020	General White	4	Christina	7	E. E. Souers	Same
3	Fairplay 6th v57 p583	Bapton Ensign	4	Fairplay 4th	5	Clarke	Same
4	Countess Vera v57 p1028	Conqueror	3	Grand Rose 6th	6	Wornall	Same

TABLE No. 5—AWARDS 1904

Award.	Name.	Sire.	Age.	Name of Dam.	Age.	Breeder.	Exhibitor.
Aged Bulls							
1	Mast. of the Grove 161374.	Victor Waterloo	2	3d Orange Blm. of Creth.	5	T. C. Robinson	Bellows
2	Whitehall Sultan 163573.	Bapton Sultan	2	Bapton Pearl	2	Deane Willis	Harding
3	Cock Robin 192127.	Bright Star	1	Mavis Clare	2	G. H. Graham	Forbes
4	Royal Avalanche 165010.	Baron Lavender 3d.	2	Almene	8	Lockridge	Christian
Bull, 2 Yrs., Under 3 Yrs.							
1	Lavender Clipper 103771.	Choice Goods	3	Lav. Princess	2	W. D. Flatt	Dunwoody
2	Invincible Hampton 206226.	Merry Hampton	5	Lov. Greendale 3d.	5	Bellows	Same
3	King Edward 172314.	Bapton Arrow	1	Village Belle	2	J. R. Nelson	Hanna
4	Victor Missie 188499.	Golden Drop Victor	2	Missie 163	3	H. Cargill & Son	H. S. Bright
Bull, Sr. Yr.							
1	My Choice 224379.	Professor	1	Rosebud 61	5	Renick	Robbins
2	Whitehall Sultan 163573.	Whitehall Sultan	1	Missie 167	3	E. S. Kelley	Harding
3	Avalanche Royal 200220.	Royal Avalanche	2	Ry Duc. Mur. Home	12	Christian	Same
4	Gwendoline Victor 208932.	Knight of Meadow F.	3	Gw'n of Md. Lu.	3	James Duncan	Same
Bull, Jr. Yr.							
1	Hampton's Model 210474.	Hampton's Best	2	Mabel Washington	3	Bellows	Same
2	Missie's Diamond 221080.	Bapton Diamond	3	Missie C	2	Hanna	Same
3	Lord Lasalle 208139.	Villager	6	Eliza 18th	2	Lord Roseberry	Cotton
4	Godwin Hero 223933.	Godwin	9	Bt. of Sp. Crk.	3	Geo. Allen	H. S. Bright
Sr. Bull Calf							
1	The Conqueror 215051.	Choice Goods	4	Clara 58	5	Casey	Teho L. & C. Co.
2	Gay Pluto 224657.	Pluto of Dalmeny	1	Gay Bracelet	4	Robbins	Same
3	The Choice of All 215050.	Choice Goods	4	Rose D. Vio. 9.	9	Casey	Teho
4	Orange Monarch 2d 223943.	Lord Lovel	6	Sweetheart 2d	7	Purdy	Same
Jr. Bull Calf							
1	Cumberland's Last 229822.	Cumberland	9	Lady Douglass	9	C. A. Saunders	Same
2	Columbus 220892.	Hampton's Best	3	Columbia Queen	7	Bellows	Same
3	Good Choice 227852.	Choice Goods	4	Sileme 2d	5	Teho	Same
4	Bapton Chief 227551.	Bapton Ensign	5	Fairplay 4th.	5	Clarke	Same
Get of Sire							
1	Lad for Me 140618.	St. Valentine	3	Gay Lavender	4	Robbins	Same
2	Hampton's Best 170818.	Merry Hampton	3	Sec. of H. Farm 2.	3	Harding	Bellows
3	Choice Goods 186802.	Remus	4	Geraldine 5th	4	James Dunn	Teho
4	Lord Lovel 130157.	Gay Monarch	10	Monarchs Lovely	8	Robbins	Purdy
Aged Cows							
1	Lad's Lady v50 p932.	Lad for Me	2	Monarch's Lady	2	Robbins	Same
2	Star's Queen v49 p942.	Star of the North	2	Queen of Scot. 6th.	4	Forbes	Hanna
3	Jennie June v50 p1075.	Viscount of Anoka	5	Gazelle 2d of Oakw.	7	Wornall	Hanna
4	Queen of Beauty v50 p534.	Nonpareil Victor	4	Sharon's Rose 3rd.	11	Bothwell	Bowen
Heifer, 2 Yrs., Under 3 Yrs.							
1	Fair Queen v54.	Royal Prince	2	Frances Folsom 3rd.	9	Fairbairn	Bowen
2	Golden Bud v57 p638.	Marquis' Heir	2	Golden Wreath 11th.	2	Edwards	Dunwoody
3	Lad's Missie v54 p932.	Lad for Me	3	Trout Cr. Missie	2	Robbins	Same
4	Princess M. 4th v54 p688.	Best of Archers	5	Princess Maud 2nd.	5	Harding	Same
Heifer, Sr. Yr.							
1	Lad's Emma v58.	Lad for Me	4	Emma 32nd.	6	Robbins	Same
2	Victoria of L. 8 v58 p603.	Cock Robin	2	Victor of Linwood 7th.	4	Forbes	Bowen
3	H. Queen Bea. v57 p527.	Hampton's Best	2	Queen of Beaut. 10th.	3	Bellows	Same
4	Anoka Missie v57 p709.	Golden Victor	4	Missie 163rd.	3	Harding	Harding
Heifer, Jr. Yr.							
1	June of Woodhill v56 p670.	Pitlivie Chief	1	Juno	5	Dunwoody	Same
2	Hampton's Lav. v50 p609.	Hampton's Best	2	Mary of Mill Farm 22nd.	3	Bellows	Same
3	Princess F. 2d v59 p991.	Choice Goods	3	Princess Flora	4	Casey	Teho
4	Mary Beauty 2d	Bapton Coronet	2	Mary Beauty	2	Casey	C. L. Gerlaugh
Sr. Heifer Calf							
1	Queen Ideal v45.	Royal Prince	4	F. Folsom 3rd.	11	Fairbairn	W. B. Watts & Son
2	Pauline of Fair. v60 p983.	Lord Lovel	5	Paul of Glwd 11th.	5	Purdy	Same
3	Lady Gloster 6th v60 p625.	Cock Robin	3	Lady Gloster	11	Forbes	Bowen
4	Victoria's Choice v59 p992.	Choice Goods	4	Vict of Hill Fm. 5th.	8	Casey	Teho
Jr. Heifer Calf							
1	Whill M. B. 2 v60 p717.	Golden Mist	2	Mayblossom 4th.	6	Dunwoody	Same
2	Lady Darling v61 p901.	Good Morning	2	Nellie of Ordens.	7	F. O. Lowden	Same
3	Anoka B. v61 p809.	Ceremonious Archer	3	Shenstone Prin.	3	Harding	Same
4	Lad's Emma 2d v60 p1007.	Lad for Me	5	Emma 32nd.	8	Robbins	Same

TABLE No. 6—AWARDS 1905

Award.	Name.	Sire.	Age.	Name of Dam.	Age.	Breeder.	Exhibitor.
Aged Bulls							
1	Whitehall Sultan 163573.	Bapton Sultan	2	Bapton Pearl	3	Deane Willis	Harding
2	Lavender Clipper 203771.	Choice Goods	3	Lavender Princess	2	W. D. Flatt	Dunwoody
3	Mildred's Royal 244703.	Royal Wonder	2	Mildred 8	3	J. & W. Watt	R. A. & J. A. Watt
4	Bud Means 169208.	Lad for Me	2	Peach Bud	2	Robbins	Same
Bull, 2 Yrs., Under 3							
1	Whitehall Marshall 209776.	Whitehall Sultan	1	Missie 167	3	E. S. Kelley	Harding
2	My Choice 224379.	Professor	1	Rosebud 61	5	Renick	Robbins
3	Bapton Favorite 231780.	Bapton English	4	Dorothea	8	Clarke	Same
4	Marshall's Best 227955.	Sharon Marshall	8	Blanche Ferry	4	M. W. Wagner	Same
Bull, Sr. Yr.							
1	Bertie's Hero	Clipper Hero	2	Bertie 4th	5	John Dryden & Son	John Dryden & Son
2	Royal Sultan 223948.	Whitehall Sultan	2	Jessie 2nd	5	E. S. Kelley	Herr Bros. & Reynolds
3	Banff of Orange 224279.	Lord Banff	4	Orange Beauty	3	G. E. Ward	Dunwoody
4	Bapton Hero 239401.	Bapton Ensign	4	Darling	4	Clarke	Same
Jr. Yr. Bull							
1	Cumberland's Last 229822.	Cumberland	9	Lady Douglass	9	Saunders	Same
2	Superbus 224710.	Scottish Pride	9	Secret Superb	2	E. H. McCutcheon	Ardmore Stk. Co.
3	Victor Linwood 268249.	Cock Robin	4	Vict. of Linw. 7.	5	Forbes	Same
4	Silver Crown 240323.	Scotland's Crown	6	Pearlette	10	E. C. Holland	Same
Sr. Bull Calf							
1	Glenbrook Sultan 243185.	Whitehall Sultan	3	Vict. of H. L. Farm 8th	5	E. S. Kelley	H. S. Bright
2	Nonpareil Star 238402.	Star of the North	4	Nonpareil Blsm.	4	Sam Fletcher	Same
3	Oneida's Hero 242779.	Orange Chief	6	Oneida	4	Bowen	Same
4	Claverburn's Ideal 247812.	Coming Star	3	Petunia 2d	7	A. Stewart	E. R. Milliman
Jr. Bull Calf							
1	Signet 248501	Professor	4	Minnie 35th	2	A. Renick	Same
2	Royal Knight 242731.	March Knight	2	Trout Cr. Bty.	6	Clarke	Same
3	Robin Hood 269130.	Cock Robin	5	Rose Pearl 15.	7	Forbes	Same
4	Abbotsburn 243458.	Sharon Marshall	10	Car. Abbotsburn	6	Wagner	Same
Get of Sire							
1	Lad for Me 140618.	St. Valentine	3	Gay Lavender	4	Robbins	Same
2	March Knight 188105.	Red Knight	2	Queen Anne	2	Clarke	Same
3	Red Knight 157136.	Favorite	2	Cherry Blossom	2	D. C. Morris	Adkins & Stevenson
4	Golden Mist 182753.	Golden Sun	2	Missie 136	2	Wm. Duthie	Dunwoody
Aged Cows							
1	Golden Bud v57 p538.	Marquis' Heir	2	Golden Wreath 11th.	2	Edwards	Dunwoody
2	Lady Marshall v54 p1038.	Sharon Marshall	7	Mezzo Tinto	5	Wagner	Adkins & Stevenson
3	Lad's Lady v50 p932.	Lad for Me	2	Monarch's Lady 2nd.	2	Robbins	Same
4	Moneyfuffell Md. v58 p981.	Royal Banner	3	Gr. Bk. Maid 4th.	2	Jas. Leask	Harding
Heif., 2 Yrs., Under 3 Yrs.							
1	Lad's Emma v58 p978.	Lad for Me	4	Emma 32nd	6	Robbins	Same
2	Victoria of L. 8th v58 p903.	Cock Robin	2	Vict. of Linwood 7th.	4	Forbes	Bowen
3	Spigfield Lady v61 p572.	Red Lad	3	Briton Lady	6	Ad. & Steve	Same
4	Juno of W. H. v56 p670.	Pitlivie Chief	1	Juno	5	Dunwoody	Same

Award.	Name.	Sire.	Age.	Name of Dam.	Age.	Breeder.	Exhibitor.
Sr. Yr. Heifer							
1	Queen Ideal v60 p1106.....	Royal Prince.....	4	Fr. Folsom 3rd.....	9	Fairbairn.....	Watt
2	Lottie v61 p1073.....	Sass-Me-Not.....	5	Lovely Nell.....	2	E. E. Souers.....	Robbin.
3	Zoe v60 p742.....	Cock Robin.....	3	Harm. Org. Blm. 3rd.....	8	Forbes.....	Same
4	Spicy's Duchess v64 p1014.....	Spicy Marquis.....	3	Duch. of Sach. 3rd.....	4	W. D. Flatt.....	Watt
Jr. Yr. Heifer							
1	Whill May B. 2 v60 p717.....	Golden Mist.....	2	May Blossom 4th.....	6	Dunwoody.....	Same
2	Anoka Bdhks v61 p809.....	Ceremonious Archer.....	3	Shenstone Prin.....	3	Harding.....	Same
3	Dorothea 2nd v64 p582.....	March Knight.....	2	Dorothea.....	9	Clarke.....	Same
4	Lavender P. 2d v60 p717.....	Golden Mist.....	2	Lav. Prin.....	3	W. D. Flatt.....	Dunwoody
Sr. Heifer Calf							
1	Visct. of Frv. v54 p894.....	Orange Monarch.....	3	Viet. Giltspur 3rd.....	6	Purdy Bros.....	Same
2	Slipper's v64 p907.....	Lord Chesterfield.....	3	Sunset.....	6	Robbins.....	Same
3	Lad's Lavender v64 p906.....	Lad for Me.....	6	Lav. of Hill Farm 17th.....	6	Robbins.....	Same
4	Rose of Strath. v64 p631.....	Royal Canada.....	6	Rose of Str'de.....	7	Carpenter & Ross.....	Same
Jr. Heifer Calf							
1	Lad's Countess v65 p590.....	Lad for Me.....	7	Carthage Countess.....	2	Robbins.....	Same
2	Alice of M. L. v64 p582.....	March Knight.....	2	Alice of Carlogie.....	11	Clarke.....	Same
3	Marshall's P. v64 p1005.....	Sharon Marshall.....	10	Mezzo Tinto.....	8	Wagner.....	Same
4	Whill May B 3 v63 p659.....	Golden Mist.....	3	May Blossom 4th.....	7	Dunwoody.....	Same

TABLE No. 7—AWARDS 1906

Award.	Name.	Sire.	Age.	Name of Dam.	Age.	Breeder.	Exhibitor.
Aged Bulls							
1	Whitehall Marshall 209776.....	Whitehall Sultan.....	1	Missie 167th.....	3	E. S. Kelley.....	Harding
2	Scottish Prince 250444.....	Golden Champion.....	1	Queen Mab.....	3	Alex. Watson.....	Robbins
3	Lord Matchless 207763.....	Matchless Hero.....	3	2nd Arab. Oak. Gr.....	5	C. J. Stucky.....	Purdue College
4	Invinc. Hampton 206226.....	Merry Hampton.....	5	Lov. Gr. Dale 3rd.....	5	Bellows.....	Ad. & Steve.
Bull, 2 Yrs., Under 3.							
1	Royal Sultan 223948.....	Whitehall Sultan.....	2	Jessie 2nd.....	5	E. S. Kelley.....	Herr Bros. & Rey
2	Victor of Linwood 268249.....	Cock Robin.....	4	Vict. Linwood 7th.....	5	Forbes.....	Same
3	Lucky Pride 2nd 228570.....	Village Lad.....	2	Eliza 18th.....	4	Cotton.....	Same
4	Superbus 224710.....	Scottish Pride.....	9	Secret Superb.....	2	McCutcheon.....	Ardmore Stock Co.
Sr. Yr. Bull							
1	Nonpareil Star 238402.....	Star of the North.....	5	Nonpareil Blossom.....	4	Sam. Fletcher.....	Same
2	Royal Favorite 289942.....	Royal Diamond.....	2	Duch. Gloster 37th.....	2	Flatt.....	Edwards
3	Bud White 262802.....	Cumb. Ban. Bear.....	3	Dorothea 2nd.....	8	W. H. Salyers.....	Summers
4	Matchless Robin 268244.....	Cock Robin.....	4	Gold. Venus 2nd.....	9	Forbes.....	Same
Jr. Yr. Bull							
1	Signet 248501.....	Professor.....	4	Minnie 35th.....	2	Renick.....	Same
2	Lord Champion 254700.....	King Champion.....	2	Lady Douglass.....	10	Saunders.....	Purdy
3	Avondale 245144.....	Whitehall Sultan.....	4	Avalanche 2nd.....	4	Kelley.....	C. & R.
4	Merry Boy 247991.....	Victor Good.....	2	Buttercup 2nd.....	6	G. W. Baum & Son.....	Bowen
Sr. Bull Calf							
1	Linwood's Favorite 268242.....	Cock Robin.....	3	Twin Victoria.....	6	Forbes.....	Same
2	Anoka Sultan 264212.....	Whitehall Sultan.....	5	Lady in Waiting.....	10	Harding.....	Same
3	Bouncing Boy 209494.....	Burnbrae Chief.....	4	Onelda.....	4	Bowen.....	Same
4	Diamond's Crown 258864.....	Bapton Diamond.....	3	Village Belle.....	5	Hanna.....	Same
Jr. Bull Calf							
1	Knight Commander 263720.....	March Knight.....	4	Mysie.....	8	Clarke.....	Same
2	Clara's Choice 269384.....	My Choice.....	3	Clara 55th.....	8	Robbins.....	Same
3	Monarch's Mod. 2d 264468.....	Orange Monarch.....	4	Ruby 4th.....	7	Purdy.....	Same
4	Mister Lad 269140.....	Village Lad.....	4	3rd Miss. Londres.....	4	Cotton.....	Same
Get of Sire							
1	Whitehall Sultan 163573.....	Bapton Sultan.....	2	Bapton Pearl.....	3	Teane Willis.....	Harding
2	Orange Monarch 190181.....	Lord Lovel.....	3	Sweetheart 2nd.....	4	Purdy.....	Same
3	Cock Robin 192127.....	Bright Star.....	1	Mavis Clare.....	1	C. H. Graham.....	Forbes
4	Lad for Me 140618.....	St. Valentine.....	3	Gay Lavender.....	4	Robbins.....	Same
Aged Cows							
1	Wel. of M. L. v53 p604.....	Red Knight.....	3	Wel. Mead Ln. 4.....	6	Clarke.....	Same
2	Lad's Emma v58 p.....	Lad for Me.....	4	Emma 32.....	6	Robbins.....	Same
3	Lady Marshall v54 p1038.....	Sharon Marshall.....	7	Mezzo Tinto.....	5	Wagner.....	Same
4	Bellaebroggan Favor.....					Hanna.....	
Heifer, 2 Yrs., Under 3 Yrs.							
1	Anoka Broadh'ks v61 p809.....	Ceremonious Archer.....	3	Shenstone Prin.....	3	Harding.....	Same
2	Duch. of Lan. 13 v59 p536.....	Scottish Pride.....	8	Duch. Lan. 8.....	4	McCutcheon.....	Clarke
3	Lottie v61 p1073.....	Sass-Me-Not.....	5	Lovely Nell.....	2	Souers.....	Robbins
4	Dorothea 2d v64 p 582.....	March Knight.....	2	Dorothea.....	9	Clarke.....	Same
Sr. Yr. Heifer							
1	Vis. of Fair. 6th v64 p894.....	Orange Monarch.....	3	Viet. Giltspur 3d.....	6	Purdy.....	Same
2	Slippers v64 p 907.....	Lord Chesterfield.....	3	Sunset.....	6	Robbins.....	Same
3	Glen. Butterfly v64 p550.....	Victor Missie.....	2	But. of Spr. Cr.....	4	Bright.....	Same
4	Lucy.....					Wagner.....	
Jr. Yr. Heifer							
1	M. of Brown. 2 v61 p639.....	Young Nominee.....	4	Miss Belle 3d.....	3	Browndale.....	Harding
2	Al. of Mead. L. v64 p582.....	March Knight.....	2	Alice of Carlog.....	11	Clarke.....	Same
3	Wood. Maybl. 3 v63 p639.....	Golden Mist.....	3	Mayblossom 4th.....	7	Dunwoody.....	Same
4	Beaver Ck. Ara. v64 p823.....	Fancy's Pride.....	3	Arab. Bvr. Crk.....	8	N. A. Lind.....	Same
Sr. Heifer Calf							
1	Merry Maid v68 p955.....	Pitlivie Merry Lad.....	5	Mary Ramsden.....	4	D. B. Searle.....	Same
2	Sin. Lady 2d v69 p857.....	Ceremonious Archer.....	4	Lady Hamilton.....	5	Lowden.....	Same
3	Anoka Gloster 2 v68 p709.....	Whitehall Marshall.....	3	Anoka Glost.....	2	Harding.....	Same
4	Monarch's Ruby v68 p907.....	Orange Monarch.....	3	Violet 4th.....	4	Purdy.....	Same
Jr. Yr. Heifer Calf							
1	Woodhill Duch. v68 p644.....	Lavender Clipper.....	3	Duch. of Sprdle. 2d.....	5	Dunwoody.....	Same
2	Purity v69 p602.....	Burnbrae Chief.....	4	Vict. Linwood 8th.....	3	Bowen.....	Same
3	Fair. Or. Bl. 15 v68 p907.....	Lord Lovel.....	8	Sweetheart 2d.....	9	Purdy.....	Same
4	W. May Blm. 4 v68 p644.....	Golden Mist.....	4	Mayblossom 4th.....	8	Dunwoody.....	Same

TABLE No. 8—AWARDS 1907

Award.	Name.	Sire.	Age.	Name of Dam.	Age.	Breeder.	Exhibitor.
Aged Bulls							
1	Whiteh. Marshall 209776.....	Whitehall Sultan.....	1	Missie 167.....	3	Kelley.....	Elmendorf Farms
2	Victor Linwood 268249.....	Cock Robin.....	4	Vict. Linwood 7.....	5	Forbes.....	Same
3	Whitehall King 222724.....	Whitehall Sultan.....	2	Queen Louans.....	3	Kelley.....	Harding
4	Bapton Favorite 231780.....	Bapton Ensign.....	4	Dorothea.....	8	Clarke.....	Same
Bull, 2 Yrs., Under 3							
1	Signet 248501.....	Professor.....	4	Minnie 35th.....	2	Renick.....	Same
2	Lord Champion 254700.....	King Champion.....	2	Lady Douglass.....	10	Saunders.....	Purdy
3	Avondale 245144.....	Whitehall Sultan.....	4	Avalanche 2d.....	4	Kelley.....	C. & R.
4	Straight Marshall 247519.....	Whitehall Marshall.....	2	Royal Nora.....	4	Harding.....	D. Tietjen
Sr. Bulls							
1	Anoka Sultan 264212.....	Whitehall Sultan.....	5	Lady in Waiting.....	10	Harding.....	Same
2	Marigold Prince.....	Manly Prince.....	4	Golden Gem 2d.....	5	Clarke.....	Douglass
3	Flower Knight 264126.....	March Knight.....	3	Flower Girl 11th.....	2	T. Harborn.....	Clarke
4	Bud's Emblem 284905.....	Old Lancaster.....	2	Bessy Baker.....	9	Geo. Amos & Son.....	Same
Jr. Yr. Bulls							
1	Scotch Goods 259864.....	Choice Goods.....	6	Cicely.....	7	Tebbo.....	Bowen
2	Gloster Knight 263198.....	March Knight.....	3	46 Duch. Gloster.....	3	Clarke.....	Same
3	American Archer 282995.....	Ceremonious Archer.....	5	Clara 30th.....	2	Lowden.....	S. G. Ellason
4	Orange Sultan 263522.....	Whitehall Sultan.....	5	Or. Blsm. 35.....	3	Harding.....	W. C. Coleman

Award.	Name.	Sire.	Age.	Name of Dam.	Age.	Breeder.	Exhibitor.
Sr. Bull Calf							
1	Ruberta's Goods 283807	Golden Goods	1	Ruberta	8	Tebo	H. Rees & Son
2	Juno Clipper 285660	Lavender Clipper	3	Juno of Woodhill	3	Dunwoody	Same
3	Royal Kintore 281530	Royal Sultan	2	Lady Kintore	4	Herr Bros. & Rey	Same
4	Marshall's Best 285233	Whitehall Marshall	3	Lady in Waiting	11	Harding	Same
Jr. Bull Calf							
1	Visc. of the Realm 283549	Lavender Viscount	10	Fancy of Rav'wood	3	C. E. Leonard & Son	Same
2	Royal Diadem 283492	Diamond Rex	4	Juno	9	A. C. Shallenberger	Same
3	Scottish Lad 285706	Pitlivie Merry Lad	6	Scottish Isa. 2d.	6	Searle	Same
4	Golden Lady	Lad for Me	8	Golden Rosemary			Robbins
Get of Sire							
1	Whitehall Sultan 163573	Bapton Sultan	2	Bapton Pearl	3	Deane Willis	Harding
2	March Knight 188105	Red Knight	2	Queen Anne	4	Clarke	Same
3	Golden Mist 182753	Golden Sun	3	Missie 136		Duthie	Dunwoody
4	Pitlivie Merry Lad 191507	Merry Merlin	1	Caroline	3	Robt. Taylor	Searle
Aged Cows.							
1	Dorothea 2nd v61 p582	March Knight	2	Dorothea	9	Clarke	Same
2	Duch. of Lan. 13th v59 p536	Scottish Pride	8	Duch. Lanc. 8th	4	McCutcheon	Clark
3	Lottie v61 p1073	Sass Me Not	5	Lovely Nell	2	Somers	C. & R.
4	Anoka Broadh'ks v61 p8 9	Ceremonious Archer	3	Shenstone Prin.	3	Harding	Same
Heifer, 2 Yr., Under 3.							
1	Alice of M. L. v61 p582	March Knight	2	Alice of Carlogi	11	Clarke	Same
2	Flora 90th 18995	Old Lancaster	1	Scotch Lassie	11	Amos	Same
3	Mis. of B. 12th v61 p639	Young Nominee	4	Missie Bell 3d.	3	Browndale	Harding
4	Woodhill M.B.3d v63 p659	Golden Mist	3	Mayblossom 4th	7	Dunwoody	Same
Sr. Yr. Heifer.							
1	Poplar Park Queen 12878	Silver King	2	Daisy Belle 3d.	3	W. H. English	Clarke
2	Lady Dorothea 3d v68 p602	March Knight	3	Lady Dorth. 2d.	3	Clarke	Same
3	Popple 114th v59 p966	Professor	4	Poppy 99th	3	Renick	Same
4	Monarch's Ruby v68 p907	Orange Monarch	3	Violet 4th	4	Purdy	Same
Jr. Yr. Heifer.							
1	Woodhill M.B.4th v68p644	Golden Mist	4	Mayblossom 4th	8	Dunwoody	Same
2	Lady Dor. 4th v67 p642	March Knight	3	Trout Cr. Beaut.	6	Clarke	Same
3	Juno of Wd. 2d v68 p543	Pitlivie Chief	4	June	7	Dunwoody	Same
4	Sweet D. of G. v68 p589	Whitehall Count	3	Ald. Duch. Glos.	5	C. & R.	Same
Sr. Heifer Calf.							
1	Elmendorf Lassie 15353	Master Russell	4	Lucy's Choice	3	Robbins	Elmendorf Farms
2	Sultan's Athene 15141	Whitehall Sultan	5	Athene River D.	5	Harding	Same
3	Columbia 8th 15371	Lavender Clipper	3	Columbia 5th	4	Dunwoody	Same
4	Belle of St. Cloud 11647	March Knight	3	Fairplay 4th	8	Clarke	Same
Jr. Heifer Calf.							
1	Snowbird 11648	Nonpareil Stamp	4	Pitlivie Caroline	5	Clarke	Same
2	Beaufort Prin. 3d 15354	Bapton Nonpareil	2	Beaufort Prin.	7	Clarke	Same
3	Master's Clara	Master Lavender	2	Lad's Clara 2nd	3	Robbins	Same
4	Monarch's Princess 13348	Orange Monarch	4	Princess R. 14th	1	Purdy	Same

TABLE No. 9—AWARDS 1908

Award.	Name.	Sire.	Age.	Name of Dam.	Age.	Breeder.	Exhibitor.
Aged Bulls.							
1	Whitehall King 222724	Whitehall Sultan	2	Queen of Louans	3	Kelley	Harding
2	Glenbrook Sultan 243185	Whitehall Sultan	3	Vict. Hill Farm	5	Kelley	Thos. Johnson
3	Whitehall Marshall 209776	Whitehall Sultan	1	Missie 167	3	Kelley	Elmendorf
4	Avondale 245144	Whitehall Sultan	4	Avalanche 2nd	4	Kelley	C. & R.
Bull, 2 Yr., Under 3 Yr.							
1	Gloster Knight 263198	March Knight	3	46th Duch. Glos.	3	Clarke	Fox & Gallagher
2	Anoka Sultan 264212	Whitehall Sultan	5	Lady in Waiting	10	Harding	Hanna
3	The Dreamer 283208	Mildred's Royal	3	Matchless 36th	1	Watt	G. H. White
4	Mina's Prince 304643	Maple Prince	3	Mina 7th	4	Douglass	Same
Sr. Yearling Bull.							
1	Ruberta's Goods 283807	Golden Goods	1	Ruberta	8	Tebo	Rees
2	Clipper's Choice 285658	Lavender Clipper	3	Woodhill Mayblossom 2d.	2	Dunwoody	Same
3	Royal Kintore 281530	Royal Sultan	2	Lady Kintore	4	Herr Bros. & Rey	Same
Jr. Yearling Bull.							
1	King Cumberland 288383	Cumberland's Last	2	Miss Wallpole	2	Lowden	G. H. White
2	Rosebud Champion 30921	Village Clipper	2	Rosebud Champion	4		Thos. Johnson
3	Best of All 288740	Count Victor	9	Sylph Glen 3d.	8	W. B. Dale	Same
4	Royal's Best 295598	Royal Sultan	2	Cecelia Queen	8	Herr Bros. & Rey	Same
Sr. Bull Calf.							
1	Selection 306209	Avondale	2	Cherry Missie	2	C. & R.	Bowen
2	Scottish Choice 306343	Scottish Prince	4	Lucy's Choice	4	Robbins	Same
3	Leader of Fashion 300790	Whitehall Marshall	4	Shenstone Prin.	7	Harding	Same
4	Pride of Linwood 306027	Victor Linwood	2	New Year's Queen	2	Forbes	Same
Jr. Bull Calf.							
1	Premier Knight 299370	March Knight	5	Lady Winifred 3d.	5	Clarke	Same
2	Dale's Viscount 306643	Avondale	2	Diamond's Rosamond	2	Hanna	Same
3	Sultan Anoka 302426	Whitehall Sultan	7	Lady in Waiting	12	Harding	Same
4	Gallant 304330	Avondale	2	Rosewood Bride	3	C. & R.	Same
Get of Sire.							
1	Whitehall Sultan 163573	Bapton Sultan	2	Bapton Pearl	3	Dean Willis	Harding
2	Avondale 245144	Whitehall Sultan	4	Avalanche 2d	4	Kelley	C. & R.
3	March Knight 188105	Red Knight	2	Queen Anne	4	Clarke	Hanna
4	Whitehall Marshall 209776	Whitehall Sultan	1	Missie 167th	3	Kelly	Harding
Aged Cows.							
1	Flora 90th 18995	Old Lancaster	1	Scottish Lassie	11	Amos	Hanna
2	Duch. of L. 13 v59 p536	Scottish Pride	8	Duch. Lancs. 8th	4	McCutcheon	Johnson
3	Helen of Troy v60 p714	Young Fellow	10	Clan Nelson	10	Duncan Bros.	C. & R.
4	Mis. of Br'd 12 v61 p638	Young Nominee	4	Missie Bell 3d	3	Browndale	Harding
Heifer 2 Yr., Under 3 Yrs.							
1	Sweet L. of Gl. v68 p589	Whitehall Count	3	Aldie Duch. Gl.	5	C. & R.	Same
2	Merry Mail v68 p955	Pitlivie Merry Lad	5	Mary Ramsden	4	Searle	Clarke
3	Sinnissippi R. 2 v69 p857	Ceremonious Archer	4	Guelders Rose	5	Lowden	Elmendorf
4	Popular Pk. Queen 12878	Silver King	2	Daisy Bell 3d.	3	English	Hanna
Sr. Yearling Heifer.							
1	Elmendorf Lassie 15353	Master Russell	4	Lucy's Choice	3	Robbins	Elmendorf
2	Queenie 15257	Bapton Nonpareil	1	Queen Anne	9	Clarke	Same
3	Princess Marg't 2d 15374	Clipper Lav.	3	Princess Marg't	7	Unwoody	Same
4	Sultan's Athene 15141	Whitehall Sultan	5	Athene of Riv.	5	Harding	Same
Jr. Yearling Heifer.							
1	Snowbird 11648	Nonpareil Stamp	4	Pitl. Caroline	5	Clarke	Same
2	Countess Selma 2d 8559	Everlasting	1	Countess Selma	2	Bowen	Johnson
3	Grand Belle 11453	Glendale Champion	4	Mary Belle	6	G. H. Hasebrook	Flynn Farm Co.
4	Beauford Prin. 3d 15254	Bapton Nonpareil	2	Bedford Princess	7	Clarke	Hanna
Sr. Heifer Calf.							
1	Diamond Anoka 40313	Whitehall Sultan	6	Diamond 31st	7	Harding	Same
2	Roan Bessie 40509	Village Clipper	2	Red Bess P. G.	2	Johnson	Same
3	Queen of Hearts 40714	Royal Victor	3	Oakland Y. M.	4	Fox & Gallagher	Same
4	Countess F. 28929	Glenbrook Sultan	2	Countess 9th	9	Bright	Flynn Farm
Jr. Heifer Calf.							
1	Susan Cumberland 40319	Cumberland's Last	3	Susan Second	6	Lowden	Hanna
2	Maxwalton Dorothy 41142	Avondale	2	Lady Dorothy	6	C. & R.	Same
3	Miss Marshall 2d 38834	Straight Marshall	2	Grace	1	D. Tietjen	Same
4	Cheerful 7th 26821	Lavender Clipper	5	Cheerful 2d	7	Dunwoody	Same

TABLE No. 10—AWARDS 1909

Award.	Name.	Sire.	Age.	Name of Dam.	Age.	Breeder.	Exhibitor.
Aged Bulls.							
1	Sbenstone Albino 317105.....	Speculator	1	Amy 3d	9	R. P. Cooper.....	C. & R.
2	Sidelight 242886.....	Royal Wonder	2	Lady in Wait.	9	Harding	Same
3	Avondale 245144.....	Whitehall Sultan	4	Avalanche 2d	4	Kelley	C. & R.
4	Nonpareil Marquis 304059.....	Spicy Marquis	4	Crimson Rose	7	Wm. Van Horne.....	Dunwoody
Bull, 2 Yrs., Under 3 Yrs.							
1	King Cumberland 288383.....	Cumberland's Last	2	Miss Walpole	2	Lowden	Elmendorf
2	Clipper's Choice 825638.....	Lavender Clipper	3	Woodhill MayBlossom 2d	2	Lunwoody	Same
3	Scotch Sultan 296331.....	Whitehall Sultan	7	Red Lady	7	Harding	J. A. Kilgour
4	Royal's Best 295598.....	Royal Sultan	1	Cecelia Queen	8	Herr Bros. & Reynolds.....	Same
Sr. Yearling Bull.							
1	Selection 306209.....	Avondale	2	Cherry Missie	2	C. & R.....	Bowen
2	The Captain 300454.....	Captain Archer.....	4	Secret Daisy	6	J. F. Stoddard.....	C. & R.
3	Red Marshall 303741.....	Whitehall Marshall	4	Countess Cashm.	8	Harding	Same
4	Sultan's Choice 206815.....	Rustic Sultan	1	32d Lady Jane C.....	2	C. A. Branson.....	Ohio State U.
Jr. Yearling Bull.							
1	Ringmaster 307894.....	Snowflake	1	Lady Dorothea 3d.....	2	Clarke	Same
2	Dale's Viscount 306443.....	Avondale	2	Diamond's Rosamond.....	2	Clarke	Same
3	Sultan Mine 320273.....	Whitehall Sultan	7	Lady Zenda 4th	5	Harding	Same
4	Oakland Star 305890.....	Diamond Star	2	Cadboll Gwynne	3	C. & R.....	Johnson
Sr. Bull Calf.							
1	Roan Sultan 316627.....	Glenbrook Sultan	3	Ingleside Belle	4	Johnson	Same
2	Royal Seal 324505.....	Signet	3	Pride of Boyne 12th.....	6	Renick	Same
3	Prime Knight 31 317036.....	Gloster Knight	1	Foxhall Queen	2	Fox & G.....	Same
4	Victor 323863.....	Mario's Champion	1	Thelma	2	Elmendorf	Same
Jr. Bull Calf.							
1	Fond Memory 320270.....	Whitehall Sultan	8	Victoria of H. 8th.....	10	Harding	Same
2	Sultan Champion 317851.....	Whitehall Sultan	8	Missie of Br. 12th.....	4	Harding	Same
3	True Cumberland 317602.....	Cumberland's Last	4	Wimples Royal.....	3	Saunders	Same
4	Hampton's Ring 316734.....	Hampton's Counsel	2	Anoka Fluff	3	G. H. White.....	Same
Got of Sire.							
1	Avondale 245144.....	Whitehall Sultan	4	Avalanche 2d	4	Kelley	C. & R.
2	March Knight 188105.....	Red Knight	2	Queen Anne	4	Clarke	Same
3	Whitehall Sultan 163573.....	Bapton Sultan	2	Bapton Pearl	3	Deane Willis	Harding
4	Glenbrook Sultan	Whitehall Sultan	3	Victoria of H. 8th.....	5	Kelley	Johnson
Aged Cows							
1	Dorothea 2d v64 p582.....	March Knight	2	Dorothea	9	Clarke	Same
2	Flora 90th 18995.....	Old Lancaster	1	Scotch Lassie	11	Amos	Hanna
3	Duch. of Lanc 13 v59 p536.....	Scottish Pride	8	Dutch Lan. 8th.....	4	McCutcheon	Johnson
4	Sweet D. of G. v58 p589.....	Whitehall Count	3	Aldie Duch. Glos.....	5	C. & R.....	Same
Heif. 2 Yrs. under 3							
1	Christmas Lassie 15153.....	Archer	3	Cherry Lass	3	T. K. Thompson	Johnson
2	Pleasant Val. Jilt 48528.....	Old Lancaster	2	Scottish Queen	7	Amos	Johnson
3	Countess Selma 2d 8559.....	Everlasting	1	Countess Selma	2	Bowen	Johnson
4	Lancaster Bud 43024.....	Old Lancaster	2	Rosebud 11th	5	Amos	C. & R.
Sr. Yr. Heifer							
1	Dale's Gift 41150.....	Avondale	6	Wedding Gift 16th	5	C. & R.....	Same
2	Fair Start 2nd 68802.....	Golden Hope	1	Fairstart	1	W. Hazel	Johnson
3	Roan Lily 59531.....	Gloster's Choice	3	May Lily	3	Joseph Leask	Iowa St. Col.
4	Anoka Aconite 2nd 40311.....	Whitehall Marshall	4	Double Aconite 2nd	7	Harding	Same
Jr. Yr. Heifer							
1	Susan Cumberland 40319.....	Cumberland's Last	3	Susan 2nd	6	Lowden	Hanna
2	Miss Marshall 2nd 38834.....	Straight Marshall	2	Grace	1	D. Tietjen	Same
3	Maxwalton Dorothy 41152.....	Avondale	2	Lady Dorothy 40th.....	6	C. & R.....	Same
4	Maxwalton Gloster 41153.....	Avondale	2	39th Duch. Gloster	12	C. & R.....	Same
Sr. Heifer Calf							
1	Gloster Queen 2nd 59006.....	March Knight	5	Gloster Lady	4	Clarke	Same
2	Roan Maid 59532.....	Gloster's Choice	4	Maid of Struan.....	3	Jos. Leask	Iowa St. Col.
3	Mandolin 2nd 59045.....	Glenbrook Sultan	3	Mandolin	4	Johnson	Same
4	Rose Strathallan 69025.....	Whitehall Marshall	5	Rose of Strath.....	3	Elmendorf	Same
Jr. Heifer Calf							
1	Oakland Netty 2nd 59049.....	Glenbrook Sultan	6	Whitehall Nettle	5	Johnson	Same
2	Sparkling Gem 59382.....	Victor's Roan Duke.....	6	Butterfly Jubilee	6	Shallenberger	Clarke
3	Mary A. of Oakland 59046.....	Glenbrook Sultan	3	Mary Ann Oak 3rd.....	10	Johnson	Same
4	Flower Girl 13th 63956.....	Villager	2	Flower Girl 11th.....	9	Hanna	Same

TABLE No. 11—AWARDS 1910

Award.	Name.	Sire.	Age.	Name of Dam.	Age.	Breeder.	Exhibitor.
Aged Bulls							
1	White Star 338500.....	Tarrell Uxor.....	1	Snowball	2	J. Annandale	Harding
2	King Cumberland 288383.....	Cumberland's Last	2	Miss Walpole	2	Lowden	Elmendorf
3	Avondale 245144.....	Whitehall Sultan	4	Avalanche 2nd.....	4	Kelley	C. & R.
4	Abbotsburn 243458.....	Sharon Marshall	9	Carrie Abbotsburn	5	Wagner	Same
Bull, 2 Yrs., Under 3 Yrs.							
1	Ringmaster 307894.....	Snowflake	1	Lady Dorothea 3rd.....	2	Clarke	White & Smith
2	Selection 306209.....	Avondale	2	Cherry Missie	2	C. & R.....	Johnson
3	Sultan Mine 320273.....	Whitehall Sultan	7	Lady Zenda 4th.....	5	Harding	Same
4	Village Marshall 302358.....	Straight Marshall	2	Village Belle 3rd.....	3	Tietjen	Same
Sr. Yr. Bull							
1	Roan Sultan 316627.....	Glenbrook Sultan	3	Ingleside Belle.....	4	Johnson	Same
2	Prime Knight 317036.....	Gloster Knight	1	Foxhall Queen.....	2	Fox & G.....	Same
3	Royal Seal 324505.....	Signet	3	Pride of Boyne 12th.....	6	Renick	Same
4	British Knight 322593.....	British Glory.....	6	Laura Knight 2nd.....	3	C. F. Curtiss.....	Rockwood Farm
Jr. Yr. Bull							
1	True Cumberland 317602.....	Cumberland's Last	4	Wimples Royal.....	3	Saunders	Same
2	Herdsmen Fav. 336714.....	Gladstone	4	Margaret	2	Rapp Brothers	Dan Cahill
3	Hampton's King 316734.....	Hampton's Counselor	2	Anoka Fluff.....	3	White	Same
4	Gold Mine 31535.....	Golden Goods	3	Miss Maple	3	W. O. Minor.....	Same
Sr. Bull Calf							
1	Royal Cumberland 334808.....	Cumberland's Last	4	Royal Princess.....	8	Saunders	Same
2	Mutineer 339928.....	Gold Drop	7	Princess Mayflower.....	4	H. Smith	Same
3	Village Rustic 33463.....	Villager	2	Ruth Rustic.....	7	Hanna	Same
4	Supreme Knight 337814.....	Gloster Knight	2	Fox Hall Queen.....	3	Fox & G.....	Same
Jr. Bull Calf							
1	Browndale 334947.....	Avondale	4	Max. Mina 2nd	2	C. & R.....	Same
2	Allan A. Dale 338516.....	Gratitude's Lad.....	3	Sylph of Glenmore 3rd.....	11	W. B. Dale.....	Same
3	Headlight 340752.....	Lucky Pride 2nd	5	Daylight	10	Cotton	Robbins
4	Glenbrook Marq. 337657.....	Glenbrook Sultan	4	Lucy of Pine Gr. 3rd.....	4	Johnson	Same
Got of Sire							
1	Cumberland's Last 229822.....	Cumberland	9	Lady Douglass.....	9	Saunders	Same
2	Glenbrook Sultan 243185.....	Whitehall Sultan	3	Vict. of Hill Fm. 8th.....	5	Kelley	Johnson
3	Avondale 245144.....	Whitehall Sultan	4	Avalanche 2nd.....	4	Kelley	C. & R.
4	Missie Sultana 86625.....	Whitehall Marshall	3	Royal Nora	4	Harding	Tietjen
Aged Cows							
1	Princess Marshall 41341.....	Sharon Marshall.....	1	Mezzo Tinto	10	Wagner	Rosenb. & Ed.
2	Mina Princess 4th 12641.....	Whitehall Count	2	Mina Princess 3rd.....	1	C. & R.....	G. J. Sayer
3	Duch. of L. 13th v59 p536.....	Scottish Pride	8	Duch. Lan. 8th.....	4	McCutcheon	Johnson
4	Dorothea 2nd v64 p582.....	March Knight	2	Dorothea	9	Clarke	White & Smith

Award.	Name.	Sire.	Age.	Name of Dam.	Age.	Breeder.	Exhibitor.
Heifer, 2 Yrs., Under 3 Yrs.							
1	Susan Cumberland 40319.	Cumberland's Last	3	Susan 2nd	6	Lowden	G. J. Sayer
2	Fair Start 2nd 68802.	Golden Hope	1	Fairstart	2	Hazel	Johnson
3	Maxwalton Mina 41154.	Avondale	2	Mina Princess 3rd.	3	C. & R.	Same
4	Bright Star 26897.	Captain Archer	4	Star Bright	6	J. F. Stoddard	W. O. Minor
Sr. Yr. Heifer							
1	Mandolin 2nd 59045.	Glenbrook Sultan	3	Mandolin	4	Johnson	Same
2	Sweet Bracelet 67986.	Scotch Goods	2	Lad's Bracelet.	7	Bowen	H. B. Duryea
3	Dale's Gift 2nd 62794.	Avondale	3	Wedding Gift 16th.	6	C. & R.	Same
4	Her Ladyship 58002.	Bapton Chief.	4	The Duchess	5	W. W. Brown	Sayer
Jr. Yr. Heifer							
1	New Year's Delight 59502.	Barmpton Knight	8	Forest Daisy 2nd.	9	T. K. Thompson	Johnson
2	Minnie 4th 88069.	See A. Cumberland	2	Minnie 2nd	3	Saunders	Same
3	Mary Anne of O. 59046.	Glenbrook Sultan	3	Mary A. of Ok. 3rd.	10	Johnson	Same
4	Maxwalton Jealousy 62873.	Avondale	3	Sultan's Jealousy	3	C. & R.	Same
Sr. Heifer Calf							
1	Mary A. of O. 2nd 86840.	Glenbrook Sultan	4	Ingleside Belle	6	Johnson	Same
2	Ruberta's Choice 90184.	Ruberta's Goods	2	Royal Queen.	8	H. G. Bowers	Same
3	Lady Mysie 3rd 82909.	Villager	2	Lady Mysie 2nd.	4	Hanna	Same
4	Maxwalton C. 5th 86598.	Avondale	4	Clarenda	7	C. & R.	Same
Jr. Heifer Calf							
1	Mildred Snow 86365.	Cumberland's Last.	5	Pinegrove Mild. 11th.	5	Saunders	Same
2	Orange Lady 2nd 86842.	Glenbrook Sultan	4	Orange Lady.	4	Johnson	Same
3	Bonnie Cumb. 2nd 86363.	Cumberland's Last.	5	Bonny Belle 6th.	6	Saunders	Same
4	Missie Sultana 86625.	Whitehall Sultan.	8	Missie of Brwn. 12th.	5	Harding	Same

TABLE No. 12—AWARDS 1911

Award.	Name.	Sire.	Age.	Name of Dam.	Age.	Breeder.	Exhibitor.
Aged Bulls							
1	Ringmaster 307804.	Snowflake	1	Lady Dorothea 3rd.	2	Clarke	White & Smith
2	Sultan Mine 320273.	Whitehall Sultan.	1	Lady Zenda 4th.	5	Harding	Same
3	Shenstone Albino 817105.	Speculator	1	Amy 3rd	1	R. P. Cooper	C. & R.
4	Matchless Dale 291609.	Avondale	1	Matchless Mist.	3	C. & R.	Same
Bull, 2 Yrs., Under 3 Yrs.							
1	Roan Sultan 316627.	Glenbrook Sultan	3	Ingleside Belle	4	Johnson	Same
2	Whitehall Rosedale 320004.	Avondale	3	Rosewood Pride	4	C. & R.	Kelly
3	Marcellus 79317.	Spicy Gift	3	Maud 7th	4	T. E. & H. C. Robinson	Same
4	Fond Memory 320270.	Whitehall Sultan.	8	Victoria Hill Fm. 8th.	10	Harding	Same
Sr. Yr. Bull							
1	Gainford Marquis 370987.	Gainford Knight	2	Dalmeny March. 8th.	4	G. Harrison	J. Watt
2	Royal Cumberland 334808.	Cumberland's Last.	4	Royal Princess	8	Saunders	Same
3	Sultan's Stamp 334974.	Whitehall Sultan.	8	Rachel's Daughter.	8	Harding	Same
4	Woodlawn Sultan 351415.	Village Sultan	4	Clover B. Wple.	6	A. J. Kyden	H. G. Bowers
Jr. Yr. Bull							
1	The Marshall 337666.	Anoka Marshall	3	Village Maid	4	H. P. Hawkins	Johnson
2	Cumberland's Best 334805.	Cumberland's Last.	5	Pro Narcissus 2nd.	8	Saunders	Same
3	Village Denmark 334459.	Villager	3	Lady Margaret	9	Hanna	Same
4	Good Knight 350286.	Choice Knight	4	Dora May 3rd.	2	E. A. Hess	J. F. Prather
Sr. Bull Calf							
1	Pride of Albion 352820.	Shenstone Albino	4	Rosewood Pride	6	C. & R.	Same
2	Village Sultan 348513.	Glenbrook Sultan	4	Village Flower	8	Johnson	Same
3	The Governor 351958.	Village Marshall	1	Morton Lassie	3	Tietjen	Same
4	Village Baronet 354063.	Villager	3	Highland Arabella	6	Hanna	Same
Jr. Bull Calf							
1	Augustine 354344.	Villager	4	August 83rd	9	Hanna	Same
2	Foxhall Sultan 353255.	White Rock	3	Sultana	2	Fox & G.	Same
3	Lavender M. 35th 353516.	Whitehall Marshall.	7	Lady Lavendar 14th.	3	Elmendorf	Same
4	Master Avondale 355967.	Avondale	5	Royal Girl 2nd.	7	C. & R.	Same
Get of Sire							
1	Avondale 245144.	Whitehall Sultan.	4	Avalanche 2nd	4	Kelley	C. & R.
2	Glenbrook Sultan 243185.	Whitehall Sultan.	3	Victoria of Hill Fm 8.	5	Kelley	Johnson
3	Ruberta's Goods 283807.	Golden Goods	1	Ruberta	8	Tebo	Rees
4	Cumberland's Last 229822.	Cumberland	9	Lady Douglass	9	Saunders	Same
Aged Cows							
1	Princess Marshall 41341.	Sharon Marshall	11	Mezzo Tinto	10	Wagner	Rosen. & Ed.
2	Dale's Gift 41150.	Avondale	2	Wedding Gift 16th.	5	C. & R.	Same
3	Fair Start 2nd 68802.	Golden Hope	1	Fairstart	2	Hazel	Johnson
4	Maxwalton Gloster 41153.	Avondale	2	39th Duch of Glos.	12	C. & R.	Same
Heifer, 2 Yrs., Under 3 Yrs.							
1	Dale's Gift 2nd 62794.	Avondale	3	Wedding Gift 16th.	6	C. & R.	Same
2	New Year's Delight 59502.	Barmpton's Knight.	8	Forest Daisy 2nd.	9	Thompson	Johnson
3	Marchioness 19th 107606.	Royal Luxury	1	Marchioness 16th	3	S. J. Pearson & Co.	Sayer
4	White Lily 85140.	Gladstone	4	Dolly	6	Rapp Bros.	Same
Sr. Yr. Heifer							
1	Roan Queen 108792.	Gloster's Choice	5	Maid of Struan.	4	Jos. Leask	White & Smith
2	Mary A. of Ok. 2d 86840.	Glenbrook Sultan	4	Ingleside Belle	6	Johnson	Sayer
3	Violet Goods 85328.	Ruberta's Goods	2	Sweetgoods	3	Rees	Same
4	Ruberta's Choice 90184.	Ruberta's Goods	2	Royal Queen	8	Bowers	Same
Jr. Yr. Heifer							
1	Maxwalton G. 3d 107403.	Avondale	4	39th Duch. of Glos.	14	C. & R.	Same
2	Sittytton Goods 85327.	Ruberta's Goods	2	Sittytton Duchess.	4	Rees	Same
3	Lady Cumberland 86364.	Cumberland's Last	5	Gwendolyn	12	Saunders	Same
4	Orange Lady 2nd 86842.	Glenbrook Sultan	4	Orange Lady	3	Johnson	Same
Sr. Heifer Calf							
1	Pleasant Mildred 106369.	Gladstone	5	Orange Blossom	3	Rapp	Same
2	Village Primrose 109216.	Villager	3	Primrose 2nd	2	Hanna	Same
3	Max. Missie 2nd 107207.	Avondale	5	Missie 145th	9	C. & R.	Same
4	Whitehall Maid 109117.	Whitehall Rosedale.	1	Sweet Maid 5th.	2	Kelley	Same
Jr. Heifer Calf							
1	75th Duch. of G. 112340.	True Cumberland	1	7th Duch. of Glos.	2	Saunders	Same
2	Snow Queen 112184.	Superbus	6	Pittville Caroline	9	White and Smith.	Same
3	Excellence 100079.	Straight Marshall	5	Village Belle 3rd.	6	Tietjen	Same
4	Touch Me Not 107940.	Cumberland's Last	6	Scot. Sempstress	11	Saunders	Same

TABLE No. 13—AWARDS 1912

Award.	Name.	Sire.	Age.	Name of Dam.	Age.	Breeder.	Exhibitor.
Aged Bulls							
1	Diamond Goods 333014.	Good Choice	4	Sweetheart	3	Bellows	Same
2	Sultan Mine 320243.	Whitehall Sultan.	7	Lady Zenda 4th.	5	Harding	Carp. & Carp.
3	White Star 338500.	Tarrell Uxor	1	Snowball	1	Anandale	Same
4	Bapton Gloster 283102.	Bapton Prince	2	White Queen	4	N. P. Ewing	C. F. Rice
Bull, 2 Yrs., Under 3 Yrs.							
1	Count Avon 334946.	Avondale	4	Lady Marjorie	12	C. & R.	Rookwood Farm
2	Sultan Stamp 334974.	Whitehall Sultan	8	Rachel's Daughter	8	Harding	Anoka Farms
3	Gainford Marquis 370987.	Gainford Knight	2	Dalmeny March. 8th.	4	G. Harrison	R. W. Casewell
4	Good Count 338610.	Fair Goods	3	Cloverdale Countess.	6	McDermott	Same
Sr. Yr. Bull							
1	Gloster Fashion 350512.	Leader of Fashion	2	Anna Gloster 2nd.	5	Harding	Same
2	Village Baronet 354063.	Villager	3	Highland Arabella	6	Hanna	C. & C.
3	Royal Gloster 348941.	Ringleader	3	Orange Linette	4	Walpole Bros.	White & Smith
4	The Governor 351958.	Village Marshall	1	Morton Lassie	3	Tietjen	Same
Jr. Yr. Bull							
1	Augustine 354344.	Villager	4	Augusta 83rd	9	Hanna	Owen Kane
2	Lavender Marshall 353516.	Whitehall Marshall.	7	Lady Lav. 14th.	8	Fox & G.	Casewell
3	Fayette Marshall 367393.	Whitehall Marshall.	7	Mario's Heiress 3rd.	8	Elmendorf	Same
4	Red Marshall 3rd 367240.	Red Marshall	2	Golden Floss	7	Watts	Same

Award.	Name.	Sire.	Age.	Name of Dam.	Age.	Breeder.	Exhibitor.
Sr. Bull Calf							
1	Maxwalton Renown 367543.	Avondale	6	Lavender Bloom	10	C. & R.	Same
2	Scotch Mine 367598.	Sultan Mine	2	Scottish Lady	10	Anoka	Same
3	Village Star 367815.	Villager	4	Missie 2nd	5	Hanna	Same
4	Warrior Dale	Double Dale	1	Luster of Anoka A.	3		Owen Kane
Jr. Bull Calf							
1	King's Secret 369111.	King Cumberland	4	Secret Rose	4	Elmendorf	Same
2	Sittytton Sultan 367000.	Glenbrook Sultan	6	Ingleside Belle	8	Johnson	Thos. Stanton
3	Grandmaster 365234.	Ringmaster	3	Lady Dorothea 6th.	5	White & Smith	Same
4	Princely Dale 367156.	Double Dale	1	Goldie's Jewel	7	Owen Kane	Same
Get of Sire							
1	Avondale 245144.	Whitehall Sultan	4	Avalanche 2nd	4	Kelley	C. & R.
2	Whitehall Sultan 163573.	Bapton Sultan	2	Bapton Pearl.	3	Deane Willis	Anoka
3	Villager 295834.	Village Beau	2	Rosy Cloud	2	C. H. Jolliffe	Hanna
4	Double Dale 337156.	Avondale	4	Max W. Rosewood	2	C. & R.	Kane
Aged Cows							
1	Dale's Gift 2nd 62794.	Avondale	3	Wedding Gift 16th.	6	C. & R.	Caswell
2	Fair Start 2nd 68802.	Golden Hope	1	Fairstart	1	Hazel	Sayer
3	Dale's Gift 41150.	Avondale	2	Wedding Gift 16th.	5	C. & R.	C. & C.
4	Princess Diamond 96707.	Diamond Pride	2	Mezzo Tinto	12	Wagner	Rosenberger
Heifer, 2 Yrs., Under 3 Yrs.							
1	Roan Queen 108792.	Gloster's Choice	5	Maid of Struan.	4	Leask	White & Smith
2	Mary A. of Ok. 2d 86840.	Glenbrook Sultan	4	Ingleside Belle	6	Johnson	Sayer
3	Salem Stamford 82855.	Jilt Victor.	9	Olga Stamford	9	Watt	C. & C.
4	Queen Mildred 118851.	St. Augustine	2	Mildred 13th.	8	Pete Stewart	Sayer
Sr. Yr. Heifer							
1	Moss Rose 6th 108330.	Anoka Sultan	4	Moss Rose 4th.	7	Hanna	C. & C.
2	Pleasant Valley 133304.	Lancaster Floral	3	Mable of Knowhead.	10	Amos	Caswell
3	Pleasant Mildred 106369.	Gladstone	5	Orange Blossom	3	Rapp	Sayer
4	Cheerful 8th 108036.	Juno Clipper	3	Cheerful 4th.	5	Dunwoody	White & Smith
Jr. Yr. Heifer							
1	78th Duch. of Glos. 112340.	True Cumberland	1	76th Duch. of Gloster.	5	Saunders	Sayer
2	Her Excellence 109079.	Straight Marshall	5	Village Belle 3rd.	6	Tietjen	Same
3	Countess 3rd 108326.	Villager	4	Diamond's Rosebud	5	Hanna	Same
4	Gainford Raglan	Gainford Pride 2nd.		Sweet Raglan			Caswell
Sr. Heifer Calf							
1	Village Prim. 2d 127928.	Villager	4	Primrose 2nd	3	Hanna	Same
2	Bonnie Duch. 127354.	Gladstone	6	5th Duch. of Gloster.	2	Rapp	Same
3	Cumb. Darling 127375.	King Cumberland	4	Pol. Grace Darl.	3	Elmendorf	Same
4	Bonnie Brae Wimple.	Uppermill Omega		Winifred 3rd			Caswell
Jr. Heifer Calf							
1	Village Flower 2d 127923.	Villager	5	Flower Girl 12th.	4	Hanna	Same
2	Betty Dale 127136.	Double Dale	1	Arabella 2nd.	5	Owen Kane	Same
3	Well, Lassie 2d 127141.	Double Dale	1	Good Lassie	8	Owen Kane	Same
4	Lady Fragrant 6th 149204.	Double Dale	1	Baron's Lady	4	Owen Kane	Same

TABLE No. 14—AWARDS 1913

Award.	Name.	Sire.	Age.	Name of Dam.	Age.	Breeder.	Exhibitor.
Aged Bulls							
1	Ringmaster 307894.	Snowflake	1	Lady Dorothea 3rd.	2	Clarke	White & Smith
2	Village Denmark 334459.	Villager	3	Lady Margaret	9	Hanna	Anoka
3	Craighill 331544.	Choice of All.	5	Kirk. Duch. 11th.	6	N. H. Gentry.	C. & R.
4	Sultan Stamp 334974.	Whitehall Sultan	8	Rachel's Daughter	8	Harding	Same
Bull, 2 Yrs., Under 3 Yrs.							
1	Gloster Fashion 350512.	Leader of Fashion	2	Anoka Gloster 2nd.	5	Harding	Same
2	Gainford Victor	Gainford Pride 2nd.		Dalmeny Veronica 3rd.		J. A. Watt	
3	Fayette Marshall 267393.	Whitehall Marshall	7	Marlo's Heiress 3rd.	8	Elmendorf	Same
4	True Sultan 363006.	Whitehall Marshall	7	Secret Rose	3	Elmendorf	Dale
Sr. Yr. Bull							
1	Max. Renown 367543.	Avondale	6	Lavender Bloom	10	C. & R.	Same
2	Orange Goods 373544.	Standard Goods.	2	Carnation	2	Purdy	Same
3	Max. Conqueror 367539.	Avondale	6	Clarinda	9	C. & R.	R. Fallon
4	Snow King 370547.	Ringmaster	2	Sweet Jasmine 3rd	4	White & Smith	Same
Jr. Yr. Bull							
1	King's Secret 369111.	King Cumberland	4	Secret Rose	4	Elmendorf	J. Brown
2	Radium 385197.	Double Dale	2	Lady Fragrant	9	Owen Kane	Same
3	Count Avondale 387974.	Avondale	6	Lady Marjorie	14	C. & R.	Same
4	Come in Time 385006.	The Gallant	3	Rose of Lynne	7	J. G. Biller	C. & R.
Sr. Bull Calf							
1	Cumber. Type 3d 388132.	Cumberland's Best	1	Gipsy Countess.	5	Saunders	Same
2	Royal Silver 287283.	White Sultan	4	Premier's Queen	2	J. N. Tittimore.	Anoka
3	Banner Bearer 387173.	Imperial Gloster	1	Mattie Amelia 6th.	6	Lespedeza Farm	Same
4	Gem's Prince 387246.	Prince Imperial	4	Donside Gem	3	Sayer	Brown
Jr. Bull Calf							
1	Clover Lf. Sultan 2 396052.	Maxwalton Sultan	4	Claret Girl	9	Rosenberger	Same
2	Revolution 388359.	Avondale	7	Roan Rosebud 12th.	5	C. & R.	Same
3	Dale Clarion 285195.	Double Dale	2	Lilly of Sunnyland	6	Owen Kane	Same
4	Imperial Brace 387183.	Imperial Gloster	2	Sweet Bracelet	4	Lespedeza Farm	Same
Get of Sire							
1	Avondale 245144	Whitehall Sultan	4	Avalanche 2nd	4	Kelley	C. & R.
2	Double Dale 337156.	Avondale	4	Max W. Rosewood.	2	C. & R.	Kane
3				Snowbird	3	Harding	Anoka
4	Fair Acres Sult.	Whitehall Sultan	9				Kilgour
Aged Cows							
1	Roan Queen 108792.	Gloster's Choice	5	Maid of Struan.	4	Leask	White & Smith
2	Maxwalton Gloster 41153.	Avondale	2	39th Duch. of G.	12	C. & R.	Same
3	Lady Cumberland 86361.	Cumberland's Last.	5	Gwendolyn	12	Saunders	Rees
4	Winsome Sultana 14011.	Whitehall Sultan	6	Wild Eyes W. 25th.	9	Harding	Same
Heifer 2 Yrs., Under 3							
1	Maxwalton Mls. 2d 107208.	Avondale	5	Missie 145th	9	C. & R.	Anoka
2	Pleasant Mildred 106269.	Gladstone	5	Orange Blossom	3	Rapp	Farmer Farm
3	Moss Rose 6th 108300.	Anoka Sultan	4	Moss Rose 4th.	7	Hanna	Anoka
4	Clover Leaf Mild. 109560.	Maxwalton Sultan	2	Mildred 20th	4	Rosen. & Ed.	C. & R.
Sr. Yearling Heifer.							
1	Maxwalton Roan L. 127525.	Avondale	5	Roan Lady 36th.	5	C. & R.	Same
2	Herdsmen's Queen 127355.	Gladstone	6	Cherry Blossom	6	Rapp	Elmendorf
3	Fancy Mine 127622.	Sultan Mine	2	Proud Fancy	12	Anoka	Same
4	Maxwalton Rosebud 132518.	Avondale	6	Roan Rosebud	4	C. & R.	Same
Jr. Yearling Heifer.							
1	Monarch's Vict. 127903.	Orange Monarch	9	Victoria Glenwd. 23d.	7	Purdy	Same
2	Lan. Duch. 7th 125860.	Superb	3	Lancaster Duch. 3d.	3		Same
3	Betty Dale 127136.	Double Dale	1	Arabella 2d	5	Owen Kane	Same
4	Heather Belle	Proud Monarch		Fannie B. 38th.			Watt
Sr. Heifer Calf.							
1	Proud Rose 150343.	Fair Acres Sultan	1	Primrose	8	Kilgour	Same
2	Lespedeza Bloss. 2d 152176.	Scotch Legacy	1	Cherry Blossom 9th.	2	Lespes.	Same
3	Augusta 112th 152321.	Fond Memory	2	August 110th	2	Anoka	Same
4	Silver Queen	Gainford Marquis		Emiline 14th			Watt
Jr. Heifer Calf.							
1	Juliette 158351.	Saranac	1	Red Julia	4	Robbins	Same
2	Pauline Good	Standard Goods	3	Pauline of G. 11th.	14	Purdy	Same
3	Fair Acres Nell 150334.	Fair Acres Sultan	1	Golden Nell	4	Kilgour	Same
4	Golden Pride 7th 153453.	Good Knight	2	Golden Pride 5th	6	Prather	Same

The \$1,000 List Continues To Grow

This List includes Animals that have sold at Auction
for \$1,000 or over since the last published list

GREENFIELD, MASS., AUGUST 25—NEW ENGLAND SHORTHORN BREEDERS' ASSOCIATION

Lucille 151000, r and w; April, 1913; by St. John 353515. Bred by Mark Hovey, St. Johnsbury, Vt. Sold to Flintstone Farms, Dalton, Mass.....\$ 1,075

UNION CITY, TENN., SEPT. 25—F. I. DERBY

Lord Fauntleroy 429349, white; Jan. 7, 1915; by Scotch Cumberland 348063. Bred by MacMillan & MacMillan, Lodi, Wis. Sold to H. T. Cowan, Dickson, Tenn..... 1,280

Knight's Viscount 392005, roan; May 1, 1912; by Oakdale Knight 336721. Bred by Jos. Miller & Sons, Granger, Mo. Sold to W. A. Kendall, Athens, Ala..... 1,125

KANSAS CITY, MO., OCTOBER 5—AMERICAN SHORTHORN BREEDERS' ASSOCIATION

College Knight 413982, roan; Dec. 21, 1913; by Good Knight 350286. Bred by J. F. Prather, Williamsville, Ill. Owned by University of Missouri. Sold to D. E. Bower, Bridgewater, Iowa..... 1,065

Sultan Mine 2d 433457, roan; Sept. 16, 1914; by Sultan Mine 320273. Bred by Carpenter & Carpenter, Baraboo, Wis. Owned by Carpenter & Carpenter. Sold to Grimes & Vorelli, Kingfisher, Okla..... 1,075

MELBOURNE, IOWA, OCTOBER 11—W. A. WICKERSHAM

Rusper 442120, roan; August 10, 1915; by Rusper Champion 425338. Bred by W. A. Wickersham, Melbourne, Iowa. Sold to Hayman & Gregg, Clarence, Iowa..... 1,275

IOWA FALLS, IOWA, OCTOBER 18—FRANK T. PEMBERTON

Jovial Sultan 385900; Sept. 6, 1912; by Sultan of Anoka 302426. Bred by J. H. Miller, Peru, Ind. Sold to W. W. Seeley, Stuart, Iowa..... 1,000

KANSAS CITY, MO., OCTOBER 26—W. A. FORSYTHE & SONS

Gipsy Maple 173200, red; Oct. 12, 1913; by The Choice of All 215050. Bred by H. C. Duncan, Osborn, Mo. Sold to E. Ogden & Son, Maryville, Mo..... 1,050

Violet Queen 2nd 215284, roan; Feb. 10, 1914; by Vermillion 379411. Bred by W. A. Forsythe & Sons. Sold to T. H. Foley, Hutchinson, Kans..... 1,025

CHICAGO, ILL., OCT. 31—McDERMOTT, WEAVER & GARDEN

King's Gift 203804, white; Nov. 25, 1914; by Cumberland Marshal 412384. Bred by J. W. McDermott, Kahoka, Mo. Sold to E. E. Francis, Titusville, Pa..... 1,300

Golden Girl 2d 156181, and cc, roan; Oct. 20, 1910; by Fair Goods 253391. Bred by J. W. McDermott. Sold to Wm. Herklemann, Elwood, Iowa..... 1,400

Village Clara 6th 199754, roan; Jan. 14, 1915; by Villager 295884. Bred by Uppermill Farm, Wapello, Iowa. Sold to Sni-A-Bar Farms, Kansas City, Mo..... 1,075

Sultan's Heiress 89942, roan; Feb. 20, 1910; by Whitehall Sultan 163573. Bred by F. W. Harding, Waukesha, Wis. Sold to C. D. Smith, Memphis, Tenn..... 1,325

Lady Craibstone 73344, and bc, roan; Oct. 16, 1907; by Red Knight 174212. Bred by John Rasmess, Lake City, Iowa. Sold to J. A. Countryman & Son, Rochelle, Ill..... 2,000

Pro Spartan Sue 4th 241356, roan; March 6, 1914; by Cumberland's Royal 2d 387051. Bred by W. M. Smith & Sons, West Branch, Iowa. Sold to Sni-A-Bar Farms..... 1,200

Veronica May 251300, red and white; June 18, 1914; by Roan Knight 2d 311715. Bred by Fred Ehlers, Tama, Iowa. Sold to W. C. Faber, Paw Paw, Ill..... 1,050

Cumberland Marshal 2d 495894, roan; Jan. 15, 1916; by Cumberland Marshal 412384. Bred by J. W. McDermott. Sold to Dr. J. R. Raby, Gatesville, Tex..... 1,825

Cumberland Victor 454658, roan; March 24, 1915; by Cumberland Marshal 412384. Bred by J. W. McDermott. Sold to W. W. Brown, Amenia, N. D..... 1,000

Chief Champion 429096, red; March 8, 1915; by Mysie's Champion 335411. Bred by W. E. Graham & Sons, Prairie City, Iowa. Sold to R. A. Tylor, Hickman, Ky..... 1,500

CHICAGO, ILL., NOV. 1—CARPENTER & ROSS

Dainty Queen, roan; April 2, 1912; by Adbolton Regal King 107586. Bred by J. D. Webster, Aberdeenshire, Scotland. Sold to A. J. Ryden, Abingdon, Ill..... 1,050

Rosewood 91st (vol. 59, p. 662E), roan; April 14, 1911; by Royal Charter 295756. Bred by R. L. P. Duncan, Aberdeenshire, Scotland. Sold to C. S. Tandy, Vevay, Ind..... 1,550

Rosewood 90th (vol. 58, p. 540), red and white; Feb. 10, 1911; by Carabineer 104976. Bred by R. L. P. Duncan. Sold to B. F. Hales, Chicago, Ill..... 1,900

Augusta 100th, roan; Feb. 17, 1911; by True Character 107321. Bred by John Rennie, Peterculter, Scotland. Sold to J. McCord, Palos Park, Ill..... 1,225

Star of Dawn, and cc, roan; May 14, 1913; by Red Indian 112999. Bred by J. W. Gordon-Oswald, Invernesshire, Scotland. Sold to Dr. H. W. Emeny, Eldora, Iowa..... 1,125

Lady Tarves 15th, roan; May 25, 1912; by Royal Chief 117452. Bred by Harry Forbes, Aberdeenshire, Scotland. Sold to Messer Bros., Harper, Iowa..... 1,050

Muirton Favour 2nd, roan; April 10, 1913; by Columbine Major 111356. Bred by Harry Forbes. Sold to F. A. Gillespie, Tulsa, Okla..... 1,200

Woodend Beauty 9th, roan; April 1, 1911; by Ping Pong 96365. Bred by A. Crombie, Aberdeenshire, Scotland. Sold to C. J. McMaster, Altona, Ill..... 1,300

Mary Anne 4th, and cc, roan; April 16, 1913; by Diamond Minstrel 115059. Bred by John Ferguson, Aberdeenshire, Scotland. Sold to A. Kool & Son, Cordova, Iowa..... 1,000

Royal Rosebud (vol. 59, p. 512), roan; March 27, 1912; by Royal Stamp 317093. Bred by Wm. Anderson, Aberdeenshire, Scotland. Sold to W. C. Rosenberger, Tiffin, Ohio..... 1,200

Proud Carnation (vol. 59, p. 512), roan; March 16, 1912; by Proud Emblem 317093. Bred by Wm. Anderson. Sold to B. F. Hales, Chicago, Ill.....	1,550
Hean Augusta , roan; Aug. 24, 1913; by Proud Champion 425336. Bred by H. C. Lewis, Pembrokeshire, England. Sold to C. J. McMaster.....	1,000
Dorothea Scott , red; May 26, 1913; by Hean Augustus 112040. Bred by H. C. Lewis. Sold to Rankin Bros., Tarkio, Mo.	1,025
Hean Missie 8th , red; March 29, 1913; by Morning Star 109463. Bred by H. C. Lewis. Sold to Lespedeza Farm, Hickory Valley, Tenn.....	1,125
Royal Countess 2d , roan; March 19, 1915; by Proud Emblem 317093. Bred by Wm. Anderson. Sold to Dr. H. W. Emeny.....	1,000
Blushing Bride , roan; March 14, 1915; by Collynie Golden Dream 119545. Bred by Jas. Durno, Aberdeenshire, Scotland. Sold to E. E. Francis, Titusville, Pa.....	1,200
Nighfield's Parsley 6th (vol. 62), roan; Jan. 6, 1915; by Prince Rupert 117073. Bred by C. W. Kellock, Cheshire, England. Sold to Alex Mitchell, Jasper, Minn.....	1,325
Fragrant Flower , roan; Jan. 27, 1915; by Lord Advocate 106009. Bred by Geo. Watson, Aberdeenshire, Scotland. Sold to Robt. R. Ward, Benton, Ill.....	1,100
Aldsworth Reformer 129111 , roan; Jan. 9, 1915; by Village Oak 113626. Bred by W. T. Garne & Son, Gloucestershire, England. Sold to Alex Mitchell.....	1,350
Cluny Royal Windsor , red; March 23, 1915; by President of the Mint 387170. Bred by Lady Cathcart, Aberdeenshire, Scotland. Sold to Dr. H. W. Emeny.....	1,625
Gallant Favorite , roan; Jan. 19, 1916; by Douglass Gallant 120006. Bred by Robt. Anderson, Old Meldrum, Scotland. Sold to K. G. Gigstead, Lancaster, Kan.....	1,060
Orangeman , white; Dec. 1, 1915; by Royal Stamp 410885. Bred by Wm. Anderson. Sold to D. A. Jay, Blakesburg, Ia.	1,000
Proud Boy , white; Dec. 3, 1915; by Proud Emblem 100099. Bred by Wm. Anderson. Sold to J. W. Wharton, Pond Creek, Okla.....	1,375
Hean Mariner , roan; Jan. 31, 1916; by Edgcote Mariner 120090. Bred by Lord Merthyr, Pembrokeshire, England. Sold to C. Lowe & Son, Monon, Ind.....	1,500
Bapton Corporal 129397 , roan; April 5, 1915; by Hoar Frost 112077. Bred by J. D. Willis, Wiltshire, England. Sold to Park E. Salter, Augusta, Kan.....	2,600

WAUKESHA, WIS., NOVEMBER 2—ANOKA FARMS

Anoka Clipper 4th 474347 , roan; Oct. 27, 1915; by Sultan Stamp 334974. Bred by Anoka Farms, Waukesha, Wis. Sold to MacMillan & MacMillan, Lodi, Wis.....	1,650
Anoka Clipper 3d 474346 , roan; Oct. 4, 1915; by Regal Stamp 396730. Bred by Anoka Farms. Sold to Carpenter & Carpenter, Baraboo, Wis.....	1,850
Victoria Anoka 508190 , white; Oct. 12, 1915; by Village Denmark 334459. Bred by Anoka Farms. Sold to Heart's Delight Farm, Chazy, N. Y.....	1,000
Anoka Broadhooks 3d 474345 , roan; Oct. 9, 1915; by Rusper Champion 425338. Bred by Anoka Farms. Sold to Carpenter & Ross, Mansfield, Ohio.....	1,000
Augusta Anoka 3d 494954 , roan; Jan. 2, 1916; by Edgcote White Eagle 115284. Bred by Anoka Farms. Sold to Macmillan & MacMillan.....	1,600
Lovely Anoka 3d 494956 , roan; Jan. 23, 1916; by Edgcote White Eagle 115284. Bred by Anoka Farms. Sold to Sni-A-Bar Farms, Kansas City, Mo.....	1,300
Anoka Blossom 2d 474344 , white; Sept. 29, 1915; by Sultan Stamp 334974. Bred by Anoka Farms. Sold to F. A. Gillespie, Tulsa, Okla.....	1,250
Good Stamp 474340 , white; Oct. 24, 1915; by Sultan Stamp 334974. Bred by Anoka Farms. Sold to Sni-A-Bar Farms.....	5,200
Lavender Stamp 474341 , roan; Oct. 25, 1915; by Sultan Stamp 334974. Bred by Anoka Farms. Sold to C. D. Smith, Memphis, Tenn.....	1,850
Augusta's Sultan 2d 494950 , roan; Jan. 3, 1916; by Sultan Stamp 334974. Bred by Anoka Farms. Sold to Sni-A-Bar Farms.....	2,050
Loyal Stamp 494953 , roan; Jan. 12, 1916; by Sultan Stamp 334974. Bred by Anoka Farms. Sold to Carr Pritchett, Steamboat Springs, Colo.....	2,500
Kilblean Champion 494952 , white; Jan. 5, 1916; by Rusper Champion 425338. Bred by Anoka Farms. Sold to Sni-A-Bar Farms.....	1,200
Bandmaster Junior 510685 , roan; Feb. 5, 1916; by Right Sort 510586. Bred by J. F. Mitchell, Burlington, Ont. Sold to A. J. Ryden, Abingdon, Ill.....	1,950
Regal Sultan 2d 508436 , roan; Jan. 25, 1916; by Regal Stamp 396730. Bred by Anoka Farms. Sold to J. B. McMillan, Rock Rapids, Iowa.....	1,000
Regal Sultan 474343 , white; Oct. 29, 1915; by Regal Stamp 396730. Bred by Anoka Farms. Sold to E. Moore & Sons, West Liberty, Iowa.....	1,675

SIoux CITY, IOWA, NOV. 16—C. E. CHURCHILL, HARTINGTON, NEB.

Secret Clipper 510397 ; Feb. 26, 1916; by Afton Clipper 337155. Bred by C. E. Churchill. Sold to Grotenhuis & Son, Sioux Center, Iowa.....	1,050
Marigold 121574 , and bc; Sept. 19, 1909; by Morning Star 206060. Bred by H. S. & W. B. Duncan, Clearfield, Iowa. Sold to Riley Bros., Albion, Neb.....	1,010

SOUTH OMAHA, NEB., NOV. 17—PETER HOPLEY & SONS

Orange Blossom 2d 66221 , and bc, red; April 25, 1909; by Young Bosquet 233085. Bred by J. D. Peterson, Marne, Iowa. Sold to James Brown, Chicago, Ill.....	1,275
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MARYVILLE, MO., NOV. 21—BELLows Bros.

Queen of Beauty 33d 476108 , roan; Sept. 5, 1915; by Radium 385197. Bred by Bellows Bros. Sold to C. F. Curtiss, Ames, Iowa.....	1,425
Rosewood Radium 512686 , roan; April 17, 1916; by Radium 385197. Bred by Bellows Bros. Sold to W. A. Forsythe & Sons, Greenwood, Mo.....	1,225
Parkdale Rex 424166 , white; Sept. 28, 1914; by Sultan Supreme 367161. Bred by Bellows Bros. Sold to J. H. Christ, Skidmore, Mo.....	1,510
Parkdale Marshal 476106 , roan; Sept. 2, 1915; by Fair Acres Sultan 354154. Bred by Bellows Bros. Sold to Iowa State College, Ames, Iowa.....	1,500
Gloster Goods 473294 , roan; Nov. 1, 1915; by Gloster Mine 367596. Bred by E. A. Hess, Council Bluffs, Iowa. Sold to F. M. Stemmers & Son, Hooper, Neb.....	1,350

WAKARUSA, KAN., NOV. 22—TOMSON Bros.

Mayflower 4th 201294 , red; Sept. 9, 1914; by Crusader 377275. Bred by Tomson Bros. Sold to E. Ogden & Son, Maryville, Mo.....	1,000
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WATONGA, OKLA., NOV. 23—H. C. LOOKABAUGH

Isabella 149202, white; July 11, 1913; by Double Dale 337150. Bred by Owen Kane, Wisner, Neb. Sold to J. R. Whistler, Watonga, Okla.....	1,000
Imp. Princess Waterloo 45th; April 2, 1915; by Bred by Sold to G. W. Holcomb, Pond Creek, Okla.....	1,000
Lady Gloster 244783, roan; Oct. 9, 1914; by Wood Dale Stamp 354220. Bred by Chas. E. Leonard & Son, Bunceton, Mo. Sold to J. P. Dunn.....	1,125
Mulberry Secret 147631, and cc, red; April 6, 1912; by Club Member 317198. Bred by F. P. Atherton, Waukomis, Okla. Sold to A. B. Georgia, Ripley, Okla.....	1,040
Imp. Jest 516467, red and white; June 13, 1913; by Eastham Beau 516454. Bred by Richard Cornelius, Cheshire, England. Sold to J. W. Wharton, Pond Creek, Okla.....	1,125

CRANFORD, N. J., NOV. 28, 1916—FRANK S. PEER, MILKING SHORTHORNS

Kelmscott Viscount 19th (vol. 62, p. 297), red; May 16, 1915; by Cranford Wild Eyes 111416. Bred by Robert W. Hobbs Sons. Owned by Alexander & Kellogg, Suisun, Cal.....	1,700
Loobagh Mendelssohn (vol. 63), roan; March 3, 1916; by Lube Mendelssohn 116370. Bred by Sir Gilbert Grenall. Owned by Bedminister Farm, Far Hill, N. J.....	1,025
Heartease (vol. 56, p. 1094), red; Aug. 2, 1909; by Conjuror 91310. Bred by Lord Rothschild. Owned by Wind Clark, Sentinel Pine Farm, Shorham, Vt.....	1,325
Priceless Lord Lee, roan; July 10, 1916; by Lord Lee 2d 121257. Bred by Mr. Adeane. Owned by Wind Clark.....	1,200
Histon St. Clair (vol. 62, p. 275), roan; Dec. 6, 1915; by Squire of Concord 123078. Bred by Chivers & Sons. Owned by Bedminister Farm.....	1,100
Bessborough Roan Lady 3d (vol. 61, p. 613), roan; Feb. 28, 1914; by Grosvenor 105675. Bred by Earl of Bessborough. Owned by Alexander & Kellogg.....	1,000
Favourite 4th (vol. 61, p. 645), red; April 13, 1912; by Golden Seal 108780. Bred by C. Butterworth. Owned by Alexander & Kellogg.....	1,400
Red Duchess 21st (vol. 58, p. 693), roan; Dec. 2, 1911; by Factor 102178. Bred by John Jackson. Owned by Alexander & Kellogg.....	1,700
Charity Rosette (vol. 57, p. 1225), roan; March 25, 1907; by Charity Crown Prince 88163. Bred by W. Taylor. Owned by Bellevue Farm, Conshocken, Pa.....	1,550
Lady Beatrice (vol. 57, p. 721), roan; May 20, 1910; by Butterfly Prince 94522. Bred by W. Forster. Owned by Alexander & Kellogg.....	1,300
Mayflower 10th (vol. 58, p. 570), red; April 15, 1909; by Butterfly Prince 94522. Bred by W. Forster. Owned by The Otis Herd, Willoughby, Ohio.....	1,500
County Lass (vol. 59, p. 664), roan; Jan. 5, 1912; by County Gentleman 105140. Bred by James Durno. Owned by H. E. Tener, Washingtonville, N. Y.....	1,050
Royal Rose 4th (vol. 57, p. 884), white; July 15, 1910; by Sharp Arrow 107030. Bred by T. Lancaster. Owned by Alexander & Kellogg.....	1,000
Seraphina's Fern (vol. 62), roan; Feb. 9, 1914; by Fern Prince 115392. Bred by Wilfred Litt. Owned by Bedminister Farm.....	1,425
Gipsy's Maid (vol. 59, p. 637), roan; Sept. 16, 1912; by Camp Fire 101734. Bred by John Dargue. Owned by Alexander & Kellogg.....	1,000
Gipsy Lady 2d (vol. 58, p. 508; by Camp Fire 101734. Bred by John Dargue. Owned by H. E. Tener.....	1,100
Beggar Maid's Beauty (vol. 61, p. 691), roan; Sept. 29, 1914; by Ireby Heirloom 115970. Bred by John Dargue. Owned by Alexander & Kellogg.....	1,400

CHICAGO, ILL., DEC. 7, 1916—AMERICAN SHORTHORN BREEDERS' ASSOCIATION

Village Valentine 488724, roan; Feb. 20, 1916; by Villager 295884. Bred by Weaver & Garden, Wapello, Iowa. Owned by H. G. Bowers, Elmwood, Ill. Sold to Herr Bros. & Reynolds, Lodi, Wis.....	1,600
Thaxton's White Star 426149, white; April 13, 1915; by King's Secret 369111. Bred by Jas. Brown, Chicago, Ill. Sold to Geo. T. Stallings, Haddock, Ga.....	1,200
Maxwalton Pride 2d 410278, roan; Nov. 28, 1913; by Maxwalton Renown 367543. Bred by Carpenter & Ross, Mansfield, Ohio. Sold to The Maxwell & Miller Cattle Co., Steamboat Springs, Colo.....	6,600
Red Gem 210799, red; Jan. 28, 1914; by Saranac 355331. Bred by J. G. Robbins & Sons, Horace, Ind. Owned by Carpenter & Ross, Mansfield, Ohio. Sold to C. D. Smith, Memphis, Tenn.....	1,075
Oakdale Lavender 180304, roan; Jan. 11, 1913; by Maxwalton Sultan 305870. Bred by Frank R. Edwards Tiffin, Ohio. Sold to Sni-A-Bar Farm, Grain Valley, Mo.....	1,000
Lady Crocus 206315, roan; Jan. 9, 1915; by Village Baronet 354063. Bred by S. G. Eliason, Montevideo, Minn. Sold to Lespedeza Farm, Hickory Valley, Tenn.....	1,125
Minerva 149047, red; Sept. 4, 1912; by Superb 300054. Bred by The Farmer Farm, Farmington, Minn. Owned by Walter J. Hill, Northcote, Minn. Sold to C. D. Smith, Memphis, Tenn.....	1,625
Royal Silver 387283, white; Sept. 10, 1912; by White Sultan 296336. Bred by J. N. Tittmore, Omro, Wis. Owned by Walter J. Hill, Northcote, Minn. Sold to L. F. Boyle, Hennepin, Ill.....	4,000
Victoria Princess 8th 176572, red; Sept. 15, 1913; by Superb 300054. Bred by The Farmer Farm, Farmington, Minn. Owned by Walter J. Hill, Northcote, Minn. Sold to A. G. Farrow, Oakville, Ont.....	1,235
Jubilee Cumberland 207268, roan; March 6, 1915; by Prince Cumberland 347311. Bred by E. D. Jones, Rockland, Wis. Owned by Eben E. Jones, Rockland, Wis. Sold to W. L. Smith, Utah, Ala.....	1,000
Wellington Dale 495607, white; Feb. 28, 1916; by Double Dale 337156. Bred by Owen Kane, Wisner, Neb. Sold to Rapp Bros., St. Edward, Neb.....	1,525
Lespedeza Augusta 4th 203740, roan; Jan. 5, 1915; by Scotch Legacy 354285. Bred by Lespedeza Farm, Hickory Valley, Tenn. Sold to Geo. T. Stallings, Haddock, Ga.....	1,250
Royal Pride 446973, roan; April 6, 1915; by Village Pride 352176. Bred by Rapp Bros., St. Edward, Neb. Sold to J. D. Flaherty, Genoa, Neb.....	1,900
Trilby Allen 181418, roan; Jan. 4, 1914; by Village Pride 352176. Bred by Rapp Bros., St. Edward, Neb. Sold to Henry Scott, Ree Heights, S. D.....	1,000
Sittyton Mary Ann 3d 200975, roan; April 25, 1914; by Browndale 334947. Bred by Thos. Stanton, Wheaton, Ill. Owned by W. C. Rosenberger, Tiffin, Ohio. Sold to Walter J. Hill, Northcote, Minn.....	1,250
Village Venus 2d 199757, white; Jan. 8, 1915; by Villager 295884. Bred by Uppermill Farm, Wapello, Iowa. Sold to O. M. Johnson, Paris, Ky.....	1,225
Eliza Broadhooks 2d 150483, red; June 29, 1912; by Village Prince 336058. Bred by J. W. Williams, Bryant, Ind. Owned by J. Carl Williams, Bryant, Ind. Sold to The Maxwell & Miller Cattle Co., Steamboat Springs, Colo.....	1,350

PUBLIC SALES

GREENFIELD, MASS., Aug. 25.

NEW ENGLAND SHORTHORN ASS'N

Sold for. Average.		
6 bulls	895.00	149.00
32 females	10,980.00	343.00
38 head	11,875.00	312.00
Top bull	300.00	
Top female, Lucille	1,075.00	

HAZEL RUN, Mo., Sept. 14.

A. J. WHITBY

Sold for. Average.		
35 head	112.00	
Top bull, Misty Sultan	225.00	
Top female, Missie Snowflake	205.00	

OTTUMWA, IOWA, Sept. 19.

W. B. BONNIFIELD & D. A. JAY
(SHORTHORN AND POLLED DURHAM)

Sold for. Average.		
10 bulls	1,180.00	118.00
39 females	6,985.00	179.00
49 head	8,165.00	166.00
Top bull, Dalecrest and Boone, (each)	190.00	
Top female, Good Missie	450.00	

KANSAS CITY, MO., October 5.

AMERICAN SHORTHORN BREEDERS' ASS'N

Sold for. Average.		
9 bulls	4,835.00	539.00
28 females	13,980.00	500.00
37 head	18,815.00	509.00
Top bull, Sultan Mine 2d.	1,075.00	
Top female, Maxwellton Rosewood 6th	890.00	

GALESBURG, ILL., October 10.

JAMES O. BLAKESLEE

Sold for. Average.		
7 bulls	940.00	134.00
29 females	7,575.00	261.00
36 head	8,415.00	234.00
Top bull, Victor	200.00	
Top female, Maple Lawn Augusta	530.00	

MELBOURNE, IOWA, October 11.

W. A. WICKERSHAM

Sold for. Average.		
2 bulls	1,510.00	755.00
37 females	13,515.00	365.00
39 head	15,025.00	385.00
Top bull, Rusper	1,275.00	
Top female, Clara 62nd	685.00	

DIKE, IOWA, October 11.

HUNTER & THOMPSON

Sold for. Average.		
2 bulls	352.50	176.00
34 females	4,975.50	146.00
36 head	5,328.00	148.00
Top bull, Red Royal	200.00	
Top female, Sunbeam	220.00	

WALL LAKE IOWA, October 17.

J. A. RICHARDSON

Sold for. Average.		
16 bulls	2,700.00	168.00
26 females	5,615.00	216.00
42 head	8,315.00	198.00
Top bull, Money Musk	215.00	
Top females, Mabel and c. c.	380.00	

IOWA FALLS, IOWA, October 18.

FRANK T. PEMBERTON
(SHORTHORNS AND POLLED DURHAMS)

Sold for. Average.		
13 bulls	3,155.00	243.00
37 females	7,515.00	203.00
50 head	10,670.00	213.00
Top bull, Jovial Sultan	1,000.00	
Top female, Lady Victoria 5th	475.00	

KENT, IOWA, October 19.

ARNE LUCKASON

Sold for. Average.		
13 bulls	1,435.00	110.00
36 females	6,590.00	184.00
49 head	8,025.00	164.00
Top bull, Choice Deviden	200.00	
Top female, Fancy Girl & bc.	415.00	

HUMBOLDT, NEB., October 20.

H. H. KUPER & L. HOWE

Sold for. Average.		
5 bulls		
25 females		142.70
30 head		130.00
Top bull		
Top female, Choice Miss	235.00	

SKIDMORE, MO., October 25.

F. C. BARBER & SONS

Sold for. Average.		
12 bulls	3,650.00	304.00
48 females	14,505.00	302.00
60 head	18,155.00	303.00
Top bull, Village Star	685.00	
Top female, Lady Missie 23d	610.00	

COLERIDGE, NEB., October 25.

J. L. YOUNG

Sold for. Average.		
10 bulls	1,620.00	162.00
34 females	6,075.00	179.00
44 head	7,695.00	175.00
Top bull, Sultan's Prince	405.00	
Top female, Clara 62nd	665.00	

HOLSTEIN, IOWA.

P. McGUIRE

Sold for. Average.		
14 bulls	1,900.00	135.00
44 females	7,090.00	161.00
58 head	8,990.00	157.00
Top bull, Scottish Count	305.00	
Top female, Roan Wings	345.00	

KANSAS CITY, MO., October 26.

W. A. FORSYTHE & SONS

Sold for. Average.		
7 bulls	396.00	
44 females	508.00	
51 head	492.00	
Top bull, Choice Magnet	505.00	
Top female, Gipsy Maple	1,050.00	

HARTINGTON, NEB., October 26.

L. D. GREENWOOD & J. C. MOORMAN

Sold for. Average.		
12 bulls	1,695.00	141.00
31 females	8,015.00	258.00
43 head	9,715.00	225.00
Top bull, Combination 2d.	225.00	
Top female, Lady Missie 15th	750.00	

CARTHAGE, MO., October 27.

H. C. JOHNS

Sold for. Average.		
7 bulls	283.00	
31 females	363.00	
38 head	343.00	
Top bull, Choice Sultan	510.00	
Top female, Scotch Diamond	725.00	

SIOUX CITY, IOWA, October 27.

Sold for. Average.		
16 bulls	2,210.00	138.00
30 females	6,340.00	211.00
46 head	8,550.00	186.00
Top bull, Prince Robin	275.00	
Top female, Eastlawn's Lassie	700.00	

TULSA, OKLA., October 28.

Sold for. Average.		
THOS. STANTON, A. D. FLINTOM, W. S. FEARS		
.. head	235.00	
Top bull, Master Primrose	350.00	
Top female, Clara Belle 2d.	430.00	

COLUMBUS, NEB., October 30.

HAGGARD ESTATE

Sold for. Average.		
21 bulls	2,285.00	109.00
37 females	4,955.00	134.00
58 head	7,240.00	125.00
Top bull, Duke of Gloster 7th	205.00	
Top female, Prophetess Flora	246.00	

CHICAGO, ILL., October 31.

M'DERMOTT, WEAVER & GARDEN

Sold for. Average.		
9 bulls	7,655.00	850.00
35 females	22,085.00	631.00
44 head	29,740.00	676.00
Top bull, Cumberland Marshal 2d	1,825.00	
Top female, Lady Crabstone	2,000.00	

CHICAGO, ILL., November 1.

CARPENTER & ROSS

Sold for. Average.		
12 bulls	13,285.00	1,107.00
62 females	53,835.00	868.00
74 head	67,120.00	906.00
Top bull, Bapton Corporal	2,600.00	
Top female, Rosewood 90th	1,900.00	

WAUKESHA, WIS., November 2.

ANOKA FARMS

Sold for. Average.		
19 bulls	24,025.00	1,264.00
24 females	19,675.00	819.00
43 head	43,700.00	1,016.00
Top bull, Good Stamp	5,200.00	
Top female, Anoka Clipper 3d	1,850.00	

LODI, WIS., November 3.

HERR BROS. & REYNOLDS

Sold for. Average.		
11 bulls	3,760.00	341.00
33 females	13,160.00	400.00
44 head	16,620.00	382.00
Top bulls, Future Sultan and Missie's Ruby (each)	505.00	
Top female, Bonnie Girl	800.00	

ELKTON, S. D., November 3.

MARRON BROS.

Sold for. Average.		
6 bulls	980.00	163.00
26 females	4,970.00	191.00
32 head	5,950.00	186.00
Top bull, White Goods	215.00	
Top female, Lady Lavender	255.00	

GENEVA, NEB., November 8.

L. C. CHESTNUT & L. P. LOGHRY

Sold for. Average.		
12 bulls	2,015.00	168.00
23 females	3,275.00	142.00
35 head	5,290.00	151.00
Top bull, Cumberland Star	310.00	
Top female, Lady Royal	210.00	

WALTON, NEB., November 9.

RETZLAFF BROS.

Sold for. Average.		
15 bulls	4,610.00	307.00
31 females	7,545.00	244.00
46 head	12,155.00	264.00
Top bull, Wellington Premier	780.00	
Top female, Roan Ruth	455.00	

BILLINGS, MONT., November 9.

MONTANA STATE SHORTHORN BREEDERS' SALE

Sold for. Average.		
45 head	247.50	
Top bull, Violet Cumberland	560.00	
Top female, Ruby Dale	350.00	

MALCOLM, NEB., November 10.

S. A. NELSON & SONS

Sold for. Average.		
13 bulls	3,655.00	281.00
36 females	11,810.00	328.00
49 head	15,465.00	315.00
Top bull, Royal Sultan	525.00	
Top female, Diamond's Red Rose	650.00	

LOGAN, IOWA, November 13.

H. S. CLARK

Sold for. Average.		
.. head	156.00	
Top bull, Royal Rex 5th	130.00	
Top female, Lady Rose	300.00	

SIBLEY, IOWA, Nov. 14.

MAASDAM & WHEELER

Sold for. Average.		
.. head	298.00	
Top bull, Patient Knight	210.00	
Top female, Augusta 102d	885.00	

MEXICO, MO., November 14.

S. P. EMMONS

Sold for. Average.		
12 bulls	1,660.00	138.00
35 females	6,655.00	190.00
47 head	8,315.00	177.00
Top bull, Royal Victor	270.00	
Top female, Roan Sempstress	500.00	

STURGEON, MO., November 15.

LITRELL BROS., E. S. STEWART,
KEITH BROS., A. S. HINES & SON

Sold for. Average.		
8 bulls	1,115.00	139.00
48 females	12,905.00	268.00
56 head	14,020.00	250.00
Top bull, Willowdale Sultan	200.00	
Top female, Clematis	530.00	

ROCK RAPIDS, IOWA, November 15.

LAKEWOOD FARM

Sold for. Average.		
4 bulls	915.00	229.00
28 females	7,845.00	280.00
32 head	8,750.00	270.00
Top bull, Clipper Knight	410.00	
Top female, Fair Augusta	660.00	

SIOUX CITY, IOWA, November 16.

C. E. CHURCHILL, Hartington, Neb.

Sold for. Average.		
6 bulls	2,455.00	409.00
36 females	12,940.00	359.00
42 head	15,395.00	361.00
Top bull, Secret Clipper	1,050.00	
Top female, Merigold	1,010.00	

MILAN, MO., November 16.

S. S. SPANGLER

Sold for. Average.		
13 bulls	2,135.00	164.00
39 females	7,255.00	186.00
52 head	9,390.00	180.00
Top bull, Royal Cumberland	500.00	
Top female, Royal Bessie 2nd	405.00	

SOUTH OMAHA, NEB., November 17.

PETER HOPLEY & SONS

Sold for. Average.		
5 bulls	1,275.00	255.00
37 females	13,890.00	375.00
42 head	15,165.00	361.00
Top bull, Thaxton's Golden Fizz	370.00	
Top female, Orange Blossom 2d	1,275.00	

MITCHELL, S. D., November 17.

F. D. PECKHAM, Alexandria, S. D.

Sold for. Average.		
13 bulls	2,305.00	177.00
36 females	8,015.00	220.00
49 head	10,320.00	208.00
Top bulls, Duchess Sultan and Kear's Rosebud (each)	220.00	
Top female, Ury Darling	500.00	

WAKARUSA, KAN., November 22.			
TOMSON BROS.		Sold for.	Average.
10 bulls.....	4,225.00	422.50	
33 females.....	15,520.00	470.30	
43 head.....	19,745.00	460.00	
Top bull, Masquerader.....	725.00		
Top female, Mayflower 4th.....	1,000.00		

COLUMBUS, NEB., November 22.			
H. H. HESS & SON, Surprise, Neb., and CHARLES RITCHIE, Gresham, Neb.		Sold for.	Average.
10 bulls.....	2,165.00	216.00	
33 females.....	7,495.00	227.00	
43 head.....	9,660.00	225.00	
Top bull, Cumberland Lad.....	280.00		
Top female, Roan Princess.....	450.00		

MT. VERNON, IOWA, November 22.			
GEORGE H. BURGE		Sold for.	Average.
14 bulls.....		205.00	
.. head.....		174.00	
Top bull, King of Kine.....	480.00		
Top female, Gwynne 6th.....	300.00		

WATONGA, OKLA., November 23.			
H. C. LOOKABAUGH		Sold for.	Average.
7 bulls.....		408.00	
31 females.....		643.00	
38 head.....		600.00	
Top bull, Avon's Star.....	530.00		
Top females, Lady Gloster and imp. Jest (each).....	1,125.00		

TAMA, IOWA, November 23.			
N. J. SMITH		Sold for.	Average.
38 head.....		120.00	
Top bull, King Sultan.....	187.00		
Top female, Barmpton Leaf 21st.....	325.00		

GORDON, NEB., November 24.			
MARTIN HANSEN		Sold for.	Average.
19 bulls.....	2,890.00	152.00	
28 females.....	3,330.00	120.00	
47 head.....	6,220.00	132.00	
Top bull.....	260.00		
Top female.....	150.00		

SIGOURNEY, IOWA, November 24.			
W. W. PARKHILL & SON and J. Y. PARKHILL		Sold for.	Average.
37 head.....	4,135.00	112.00	
Top bull.....			
Top female, Roan Beauty 2d.....	305.00		

STANWOOD, IOWA, November 24.			
T. J. KANE		Sold for.	Average.
.. bulls.....		342.00	
.. females.....		176.00	
41 head.....		196.00	
Top bull, Village Sport.....	875.00		
Top female, Roan Lady 37th.....	585.00		

HOOPESTON, ILL., November 25.			
LEEMON STOCK FARM (Shorthorns and Polled Durhams)		Sold for.	Average.
Top females, Roan Dora and Goldie, (each).....	400.00		

CRANFORD, N. J., November 28.			
FRANK S. PEER		Sold for.	Average.
8 bulls.....	6,950.00	868.50	
64 females.....	47,150.00	736.70	
72 head.....	54,100.00	751.00	
Top bull, Keluscott Viscount 19th.....	1,700.00		
Top female, Red Duchess 21st.....	1,700.00		

CHICAGO, ILL., December 7.			
AMERICAN SHORTHORN BREEDERS' ASS'N.		Sold for.	Average.
22 bulls.....	25,420.00	1,155.50	
33 females.....	28,030.00	849.40	
55 head.....	53,450.00	972.00	
Top bull, Maxwellton Pride 2d.....	6,600.00		
Top female, Minerva.....	1,625.00		

STATE AND DISTRICT BREEDERS' ASSOCIATIONS

Southern Shorthorn Breeders' Association, Thornton J. Wood, Secretary, Troy, Ala.

The Northwest Arkansas Shorthorn Breeders' Association, A. T. Lewis, Secretary, Fayetteville, Ark.

Western Shorthorn Breeders' Association, W. L. Warnock, Secretary, Loveland, Col.

Georgia Shorthorn Breeders' Association, T. G. Chastain, Secretary, Atlanta, Ga.

Illinois Shorthorn Breeders' Association, Rank C. Forbes, Secretary, Henry, Ill.

Tri-County Shorthorn Breeders' Association, Winnebago, Ogle and Stephenson Counties, W. E. Lahre, Secretary, Lena, Ill.

Cornbelt Shorthorn Breeders' Association, C. E. Hollis, Secretary, Heyworth, Ill.

Indiana Shorthorn Breeders' Association, Jas. E. Silverthorn, Secretary, Rossville, Ind.

Fort Wayne Shorthorn Breeders' Association, Will Johnson, Secretary, Fort Wayne, Ind.

Iowa Shorthorn Breeders' Association, D. A. Jay, Secretary, Blakesburg, Iowa.

Blackhawk County Shorthorn Breeders' Association, W. D. Strayer, Secretary, Hudson, Iowa.

Interstate Shorthorn Breeders' Association, J. E. Halsey, Secretary, Sioux City, Iowa.

Central Shorthorn Breeders' Association, H. M. Hill, Secretary, Lafontaine, Kan.

Warren County Shorthorn Breeders' Association, C. F. Searcy, Secretary, Warren county, Ky.

Central Michigan Shorthorn Breeders' Association, C. W. Crum, Secretary, McBride, Mich.

Michigan Shorthorn Breeders' Association, W. W. Knapp, Secretary, Howell, Mich.

Minnesota Shorthorn Breeders' Association, Philip S. Jordan, Secretary, Morris, Minn.

Mississippi Shorthorn Breeders' Association, H. K. Gayle, Secretary, Agricultural College, Miss.

The Southwest Missouri Shorthorn Breeders' Association, Clinton Marbut, Secretary, Verona, Mo.

Grant County Shorthorn Breeders' Association, Jay Martin, Secretary, Bagley, Mo.

Ray County Shorthorn Breeders' Association, E. L. Willeford, Secretary, Richmond, Mo.

Atchison County, Missouri, Shorthorn Breeders' Association, Thomas A. Laur, Secretary, Westboro, Mo.

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Ohio Shorthorn Breeders' Association, W. C. Rosenberger, Secretary, Tiffin, O.

Harrison County Shorthorn Breeders' Association, C. E. Johnson, Secretary, Flushing, Ohio.

Milking Shorthorn Club of America, C. B. Wade, Secretary, Orangeville, O.

Cotton County, Oklahoma, Shorthorn Breeders' Association, Ross Way, Secretary, Walters, Okla.

Oklahoma Shorthorn Breeders' Association, J. K. Taggart, Secretary, Bison, Okla.

Northwest Shorthorn Breeders' Association, E. L. Porter, Secretary, Corvallis, Oregon.

Northwest State Shorthorn Breeders' Association, A. D. Dunn, Secretary, Wapato, Wash.

Buffalo County Shorthorn Breeders' Association, Oscar A. Hitt, Secretary, Alina, Wis.

Rock County Shorthorn Breeders' Association, J. E. Kennedy, Secretary, Janesville, Wis.

Sauk County Shorthorn Breeders' Association, Frank Morley, Secretary, Baraboo, Wis.

Wisconsin Shorthorn Breeders' Association, J. L. Tormey, Secretary, Madison, Wis.

BREEDERS' DIRECTORY

Alphabetically Arranged

ALABAMA

R. G. ENNIS, Livingston, Alabama
Endel Farm—Registered Shorthorns. Bred for milk and beef. Farmer bulls.

TAYLOR, WALSH & KILMER, Mobile, Ala.
Orangeburg Stock Farm—Shorthorns. Foundation animals were purchased in Wisconsin, Iowa and Missouri by the American Shorthorn Breeders' Association. Herd bull, Lavender Good Count. First sale probably fall of 1917.

CALIFORNIA

ALEXANDER & KELLOGG, Suisun, Cal.
Milking strains. Herd bull, Glenside Royal 408155, grand champion Dairy Shorthorn bull P. P. I. E. 1915 and California State Fair 1916. Young bulls for sale.

H. L. & E. H. MURPHY, Perkins, Cal.
Brighton Herd. Colonel Courtier 400899 in service. Choice bulls and heifers for sale at all times. Carloads a specialty.

PACHECO CATTLE CO., Hollister, Cal.
Present herd bull, True Dale by Double Dale.

PAICINES RANCH CO., Paicines, Cal.
150 cows in herd headed by Champion of Scotland, Winsome Prince, College Count 3d, Fond Lavender, Whitehall of Orange, Bessie's Council, Promise, Collegiate and other outstanding bulls.

COLORADO

THE ALLEN CATTLE CO., Colorado Springs, Colo.
We solicit inquiries from those wanting Shorthorns of extra quality. One hundred head in herd.

GORDON W. GRAHAM, Lily, Moffat Co., Colo.
Registered Shorthorns. Sires in service: Correct Fashion 350511, Robin Dale. Grandsons of International Grand Champions head my herd.

EVERETT & H. F. HARMON, Boulder, Colo.
Two herds on adjoining farms. Scotch Mine by Sultan Mine in service. Write or come and see the young bulls for sale.

THE CARR W. PRITCHETT RANCH
Steamboat Springs, Routt Co., Colo.
MOUNTAIN-BRED COLORADO SHORTHORNS.
HERD SIRE—LOYAL STAMP 494953.

DAVID WARNOCK & SONS, Loveland, Colo.
MODEL SHORTHORNS headed by MODEL TYPE.

FLORIDA

S. H. GAITSKILL, McIntosh, Fla.
Emperor's Pride 289778 in service. In addition to my registered herd of females, I have 100 very high-grade females of extra individuality, both registered and non-registered Shorthorns, for sale.

GEORGIA

C. W. FOWLER, Box 400, Raymond, Ga.
Shedden Farms—Large numbers to select from; 15 bulls and 25 cows and heifers ready for immediate sale.

ILLINOIS

R. F. JONES, Kirkland, Ill.
Several young Shorthorn bulls and heifers for sale. Scotch King 387804 herd sire. Forty head in herd.

J. A. KILGOUR, Sterling, Ill.
Fair Acres—Champion Goods 410385 chief stock bull, five times junior champion at leading state fairs, 1915. Nothing for sale at present.

C. J. McMASTER, Altona, Ill.
Superior quality and richest breeding. Silver Dale, a sire that has made good at head of herd.

J. F. PRATHER, Williamsville, Ill.
Village Park Herd—Sires in use, the noted young bulls Silver Knight and Superior Knight. Choice young stock for sale at all times.

M. E. JONES & SONS, Williamsville, Ill.
One of the oldest herds in America. All fashionable families.

W. W. WRIGHT, Toulon, Ill.
We endeavor to breed Shorthorn cattle of quality.

INDIANA

GEORGE SHEPARD, Goodland, Ind., Newton Co.
Sheparddale Farm—Choice young bulls for sale by Avondale Gloster 403635, grandson of Avondale, dam by Village Boy 259303.

ARTHUR HERRIMAN, Columbia City, Ind.
Dale's Farewell 410275 heads a high class herd of females of the best breeding.

M. M. WILES & SON, Sheridan, Ind.
The last chance to get a bull from White Cornet 367490, a 2500 pound straight Duchess of Gloster bull tracing to Imp. 12th Duchess of Gloster by Champion of England.

J. G. ROBBINS & SONS, Horace, Ind.
We have shown Shorthorns for 33 years. Young bulls and females of all ages for sale at all times.

GEO. J. ROTH, Booneville, Warrick Co., Ind.
Cypress Valley Farm has a few good young bulls for sale by Maxwellton Stamp 394273 by Avondale out of good Scotch cows. Farm on interurban. Write or visit us.

JAS. E. SILVERTHORN & SON, Rossville, Ind.
Lavenders, Marr Roan Ladys, Secrets—50 head. Headed by Victor Sultan and Dale Baron. Young stock for sale.

WOODSIDE STOCK FARM, Pendleton, Ind.
Milking Shorthorns and Polled Durhams. Bulls owned or bred by us have won four Grand Championships at the International. With beef we have milk.

IOWA

COOK & COOK, Independence, Iowa
Shorthorns—Lee Oxford 436486 and Silver Chief Jr. 433624, herd sires. Daily milk records. Bull calves and bred heifers of good beef lines and milk inheritance.

E. COSGRIFF & SON, Clarence, Iowa
Breeder of Scotch Shorthorn cattle. Royal Sultan 333083 by Sultan 277050, and Sultana's Sultan 385767 by Fair Acres Sultan 354154, in service. We have nothing for sale at present.

C. F. CURTISS, Ames, Iowa
Herd headed by Count Avon 334946, International Grand Champion. Cows of highest excellence and best Scotch breeding.

W. PRESTON DONALD, Ohio, Iowa
Dianod Farm—Count Commodore 284742 and Tennessee Banff 8th 363722 head a herd of Scotch breeding matrons. Young stock for sale.

HELD BROS., Hinton, Iowa.
150 head. Golden Sultan by Sultan Fashion, a line bred Sultan and Village Royal by Sultan Royal in service.

E. A. HESS, Council Bluffs, Iowa.
Elmwood Herd—Gloster Mine 367596 in service. Silver Mine, a white, and Gloster Goods, a roan, two outstanding show bulls, for sale.

MAASDAM & WHEELER, Fairfield, Iowa
Imp. Proud Marshal 422720 and Imp. Royal Diamond 449923 in service. All Scotch.

J. E. MANN, Woodbine, Iowa
Manndale Shorthorn herd, established in 1888, headed by the superb roan Royal Gainford 429229. White yearling bull for sale.

C. A. OLSEN, Wall Lake, Iowa
Waveland Stock Farm—Sires in service: St. Augustine 410310, Gypsy King 262317. Write your wants.

THE ORLINS STOCK FARM, Cresco, Iowa.
Peter T. Hovey.
Breeder of Shorthorn cattle, reds and roans. Excellent milkers.

H. FRITCHARD & SON, Walnut, Iowa
All Scotch herd. Dale Clarion by Double Dale, dam by Cumberland's Last, in service.

C. A. SAUNDERS & SONS, Cumberland Stock Farm, Manilla, Iowa.
The home of the Cumberlands. Scotch Shorthorns.

E. R. SILLIMAN, Colo, Iowa
Claverburn Farm—Diamond King by Imp. Bapton Admiral and out of Imp. Diamond 31st in service.

E. B. THOMAS, Audubon, Iowa
Elanwood Herd—Sultan 3d 278292 by Whitehall Sultan and Gainford Monarch 429223, a grandson of the \$7,500 Gainford Marquis, in service. Two young bulls of herd heading stamp for sale.

UPPERMILL FARM, Wapello, Iowa
Imp. Villager 295884, Sultan's Last 363468, Village Crest 387924—herd bulls. Stock of both sexes for sale. John Garden, Mgr.

R. E. WATTS & SONS, Miles, Iowa.
Aigor Shorthorns; bulls in service, Sultan's Calculator 334973, by Whitehall Sultan, and Cumberland King 397223, half brother to Cumberland's Type. Herd bulls for sale.

KANSAS

T. J. DAWE & SON, Troy, Kansas.
All Scotch herd. Diamond Emblem 379689, senior champion bull, Topeka, Kan., 1916, in service.

H. W. ESTES, Sitka, Kansas.
Young bulls and heifers for sale.

H. M. HILL, Lafontaine, Kan.
Females of Cruickshank, Duthie, Marr and Campbell breeding. Bulls in service: Master of the Dales 350648 by Avondale out of Imported Missie; dam, True Sultan 363006, International winner by Whitehall Marshal.

H. H. HOLMES, Great Bend, Kan.
Riverside Herd, headed by Prince Valentine 4th 342179, one of the best show and breeding bulls ever in Kansas, and by King Clipper 393421, a richly bred Scotch. Fifty head, Scotch families.

J. W. HYDE, Altona, Kan.
Herd selected and bred for both beef and dairy qualities. Some excellent bull calves for sale, priced right.

JOHN REGIER, Whitewater, Kan.
Alfalfa Leaf Shorthorns—Scotch Cumberland 489200, by Cumberland's Type 388132, and Calumet 472949, a grandson of Double Dale, in service—24 breeding females.

TOMSON BROS., Dover and Carbondale, Kans.
Most fashionable strains. Village Marshal by Cumberland Marshal and Maxwellton Rosedale by Avondale in service; 100 breeding females.

KENTUCKY

J. K. NORTHCUTT, Cynthiana, Ky.
Scotch and Scotch-topped Bates, Missie, Orange Blossom, Duchess of Gloster, Butterfly, Nonpareil. Glenbrook Victor 363002 at head. Carloads a specialty.

MARYLAND

ROBERT CRAIN, Mt. Victoria, Md.
Mount Victoria herd, headed by Glorious Dale 2nd 334950, champion son of Avondale. Over 100 females in herd, all leading families. Thirty-one fine young bulls for sale. A. W. Ross, Mgr.

MASSACHUSETTS

FLINTSTONE FARM, Dalton, Mass.
The Flintstone Herd—Dairy Shorthorns headed by Waterloo Clay and Willowdale Robin. These bulls carry the blood of many of the breed's greatest sires and dams.

MICHIGAN

BIDWELL STOCK FARM, Box A, Tecumseh, Mich.
Registered, well bred cattle of good size and pleasing quality at reasonable prices. G. R. Schreder, Mgr.

GILBERT L. HICKS, Alanson, Mich.
Milking Shorthorns with the best conformation and constitution. Herd headed by two good representatives of the Clay family.

C. H. PRESCOTT & SONS, Tawas City, Mich.
Richland Herd—Scotch and Scotch-topped cattle of quality. Village Archer 410482 by Imp. Villager, and Albion Crest 430678 by Pride of Albion, in service. Young stock for sale.

MINNESOTA

J. S. BILLINGS & SON, Fergus Falls, Minn.
One hundred head in herd. Young bulls and females for sale at all times.

GEO. H. CHAMBERLAIN, Mora, Minn.
Ann River Shorthorns—Prince Albert M. V. 293172 in service, a son of Imp. Golden Fame, a good one. Young bulls and heifers for sale.

S. G. ELIASON, Montevideo, Minn.
Stock bulls, Cumberland's Archer 432399, Cornerstone 363116, Superb 300054. Young bulls for sale.

F. S. HEMINGWAY, Vernon Center, Minn.
Scotch and Scotch topped bulls of all ages. Can spare a few young thrifty cows. Cattle all red and were tuberculin tested one year ago and none of them reacted.

O. F. HENKEL, Kenyon, Minn.
Lindenau Farm—Anoka Marshal 270019 and Type's Masterpiece 425351 head the herd. Families represented: Orange Blossom, Victoria, Missie, Countess of Gloster and other popular sorts.

W. H. HOULTON & SON, Elk River, Minn.
Herd bull, Beau of River Park, out of Pearl of Silver Creek, semi-official yearling record 10,291.3 lbs. milk and 467.7 lbs. butter fat, average test 4.5%, and sired by Beau of Glenside out of Rose of Glenside, world's record cow. Females in the record of merit list.

W. J. LONDON, Winona, Minn.
Conedale Farm—Scotch and Scotch-topped Shorthorns with over 100 years of improvement. Address Frank Harris, Rushford, Minn.

ALEX MITCHELL, Jasper, Minn.
Jasper Hill Farm—White Cumberland 2d 425833 heads herd of over 100. Twelve bulls for sale at present.

LESLIE SMITH & SONS, St. Cloud, Minn.
Meadow Lawn Farm—125 head. Stock bulls: Craven Knight 415527, Prince Gloster. Young stock of both sexes for sale at all times.

E. A. THRONDRUD & SONS, Dawson, Minn.
East View Stock Farm—Breeders of quality Shorthorns.

MISSISSIPPI

A. B. PATERSON, Meridian, Miss.
Blantyre Stock Farm—Herd bulls: Good Count and Royal Primrose.

MISSOURI

BELLOWS BROS., Maryville, Mo.
Two hundred head. Herd bulls, Sultan Supreme 367161, Radium 385195, Parkdale Baron 414363. Aladdin and Parkdale Rex.

JOSIAH HUNTSMAN & SONS, Jacksonville, Mo.
Hoover Creek Shorthorn herd, established in 1891. Present herd bull, Cumberland Stamp 399517. Scotch and Scotch-topped, nine bulls and females, for sale.

H. C. JOHNS, Carthage, Mo.
Overlook Farm—Scotch and Scotch-topped cattle, representing the best families, for sale at all times. Farm and range bulls.

JUNE K. KING & SONS, Marshall, Mo.
We have a few very choice young bulls from 8 mo. to 20 mo. Scotch and Scotch topped, all reds, and will please. Priced below their real worth.

T. B. RANKIN, Tarkio, Mo.
Breeder of pure-bred Shorthorns for 30 years, Scotch and Scotch topped. Bulls in service, Violet Goods 428521 and Villager Sultan 496952. Over 200 to select from.

NEBRASKA

W. C. FLEURY, Omaha, Neb.
Imported and home-bred Scotch cattle. Can supply both bulls and females, singly or in car lots. A few high-class herd bulls on hand now.

MARTIN HANSEN, Gordon, Neb.
20 Shorthorn cows for sale. Also a few bulls. Dale Magnet 424287, by Double Dale, dam Lady Fragrant, heads the herd.

S. A. NELSON & SONS, Malcolm, Neb.
150 head, all Scotch. Most fashionable families. Royal Sultan, Afton Clipper in service; also a son of Villager and Cumberland's Type.

RETZLAFF BROS., Walton, Neb.
Snowflake Herd—Choice collection of Scotch females. Good herd and farmer bulls for sale—sired by Snowflake 263207, Snowflake's Stamp 387999 and Gloster Goods 408789.

JOSEPH F. TUBBS, Mynard, Cass Co., Neb.
Herd bulls: Scottish Goods 322856, Ideal Prince 346228 and Nonpareil Master 399476. Yearling bulls and heifers for sale.

RAPP BROS., St. Edwards, Neb.
Shorthorns—Choice bull and cows for sale, sired by Village Pride and Royal Cumberland. Some good herd bulls.

NEW YORK

WALNUT GROVE FARM, Washingtonville, N. Y.—H. E. Tener.
Milking Shorthorns—50 head—many imported animals. Herd bull, imp. Royal Duke, grand champion N. Y. State Fair 1916, dam and grand dam have records of over 10,000 lbs each.

DWYER & SONS, North Bangor, N. Y.
Milking Shorthorns. Young bulls for sale from cows with records from 8,000 to 10,000 lbs.

G. HOWARD DAVISON, Milbrook, N. Y.
Altamont Stock Farm. Milking Shorthorns. Bates families. Young stock for sale. Milk records kept.

NORTH DAKOTA

L. F. CRAWFORD, Sentinel Butte, N. D.
Scotch and Scotch-topped—50 in herd. Bulls for sale.

OHIO

C. A. BRANSON, Cadiz, Ohio
Blmhurst Farm—A select herd of females, headed by The Bard of Avondale 367548. Young stock always for sale.

CARPENTER & ROSS, Mansfield, Ohio.
Maxwalton Farm—Have shown their supremacy in the leading show rings. Herd numbers some 250 head, all ages. Write for what you want.

S. A. DUNLAP, Williamsport, Ohio
Sultan Leader 320272, a son of Whitehall Sultan, in service. Some high class bulls, cows and heifers for sale.

FRANK R. EDWARDS, Tiffin, Ohio
Oakdale Farm—Scotch Shorthorn cattle. Herd numbers 125 head. Pride of Albion 352820 Grand Champion of 1915, in service.

HOLTON CATTLE CO., Ripley, Ohio; West Union, Ohio, or Trinity, Ky.
Established in 1898. Numbers near 100 head, headed by Banff Goods 387535 and Lord Riply 393568. Fifteen bulls and 20 females for sale, Scotch and Scotch-topped.

GEO. L. MARVIN, Andover, Ohio.
Dairy Shorthorns; Prince Clay 2nd 397946 herd bull. Herd established in 1880. Stock for sale, either sex.

CHARLES A. OTIS, Willoughby, Ohio.
Milking Shorthorns. 150 head, chiefly of the original Glenside Herd. Knight of the Glen, by General Clay, with 26 daughters in merit list, and half-brother to world's record cow, Rose of Glenside, in service.
R. M. Dodington, Mgr., Willoughby, Ohio.

W. C. ROSENBERGER, Tiffin, Ohio.
Clover Leaf Stock Farm—Eighty registered Scotch cattle. Good bulls and females always for sale. Bulls in service: Maxwalton Pride 367542, Village Royal 355016, Favorite Sultan 410895.

OKLAHOMA

H. C. LOOKABAUGH, Watonga, Okla.
Pleasant Valley Stock Farm—Most popular strains. Nearly 300 head. Herd bulls and breeding females, ages to suit, always for sale.

C. E. SUPPES & SON, Tulsa, Okla.
Breeders of high-class Shorthorns.

OREGON

W. B. AYER, Portland, Ore.
Foothills Farm, Carlton, Ore.—Breeder of milking Shorthorns.

A. CHALMERS, Forest Grove, Ore.
Fork Branch Herd—"Good bulls bring good cows." Can supply both. Milk and thrift; no nurse cows. Compare their breeding with the best.

FRANK BROWN, Carlton, Ore.
Craigielea Farm Shorthorns—Young stock for sale at all times.

PENNSYLVANIA

E. E. FRANCIS, Titusville, Pa.
Maple View Farm—Herd bull, Sultan's Crown 379703. Twenty-five bulls and females for sale—Scotch and Scotch-topped.

SOUTH DAKOTA

J. F. EDELSTEIN, Dallas, S. D.
Green Field Shorthorns—A select herd of matrons headed by Forest Dale 387321, one of the greatest breeding sons of Avondale. Write your wants.

FLANAGAN & LANNING, Selby, S. D.
Sitka Stock Farm—The blood of Lord Banff, Choice Goods and Whitehall Sultan are represented in our breeding herd of 75 females. White Sox Marshall 385420 in service.

JACKSON & WHITE, Hurley, S. D.
Urbandale Herd—A pure Scotch herd headed by Pride of Avon by Avondale, and Marr Sultan by Fair Acres Sultan.

J. F. REED, Gary, S. D.
Bellaire Farm—Royal Craibstone 380154 and Lavender Knight 431684 in service. Herd established 1905. Serviceable bulls and young heifers for sale, Scotch and Scotch-topped.

E. J. THOMPSON, Hurley, S. D.
Wayside Farm—Scotch Shorthorns of the richest breeding. Herd bulls, Prince Cumberland, Golden Goods and Fair Sultan.

TENNESSEE

J. G. ALLEN & SON, Newport, Tenn.
Registered Shorthorns. Dual-purpose kind, reds and roans. Calves, heifers, bulls and cows for sale.

H. T. D. WILLS, Shouns, Tenn.
Herd bull, Ben Hooper 353149. Bulls and females for sale at all times.

VERMONT

GEORGE C. CARY, St. Johnsbury, Vt.
Breeder of dual-purpose Shorthorns. The home of Maplelane Juliet, record of 10,395 pounds of milk as a two-year-old; 11,308 pounds as a three-year-old and 12,911 pounds as a four-year-old.

VIRGINIA

W. P. CRICKENBERGER & SON, New Market, Va.
For Sale—A number of choice young bulls, Scotch-topped, by Ringdale, son of Avondale. Maxwalton Beau, grandson of Avondale, in service.

SAMUEL H. MARSHALL, Simeon, Va. Albemarle County
Bull calves and a few heifer calves from a herd headed by Morven Marshal, a good son of Whitehall Marshal.

WASHINGTON

A. D. DUNN, Wapato, Washington.
For Sale—Shorthorn cattle from one of the leading herds of the Northwest.

WEST VIRGINIA

P. S. LEWIS & SON, Point Pleasant, W. Va.
Shorthorns bred for 43 years in our herd from the most reliable strains, carefully selected.

WISCONSIN

ANOKA FARMS, Waukesha, Wis.
Established year 1870. Herd sires: Lavender Sultan, Faultless Dale, Imp. Rusper Champion, Regal Stamp.

HARRY F. BIDDICK & SONS, Livingston, Wis.
Melody Stock Farm—Head of herd, Royal Denmark 432681, by Village Denmark 334974 and out of Goldie 51st 118839, by whose side he was shown in 1915, she winning first at Des Moines and Hamline, and second at Milwaukee.

F. S. BUNKER, Kilbourn, Wis.
"Double Standard Polled Durhams." Individual excellence, choice breeding. Herd bull, Sultan Goods 455653. "Bunker Hill Farm."

H. B. DRAKE & SON, Beaver Dam, Wis.
Bulls, cows and heifers. Bred for milk and beef. Herd headed by one of the best grandsons of Whitehall Sultan.

HERR BROS. & REYNOLDS, Lodi, Wis.
Master Ruby and White Rock in service. Correspondence invited regarding private sale offerings.

EBEN E. JONES, Rockland, Wis.
Hillshade Farm Shorthorns—Headed by Prince Cumberland 347311 and Collynie Sultan 414233. Young bulls and females for sale.

R. W. LAMB & SON, Janesville, Wis.
Shorthorns—Bred for milk and beef. Young bulls for sale.

HARVEY H. LITTLE, Evansville, Wis.
Young bull calves for sale from cows with official milk records.

MACMILLAN & MACMILLAN, Lodi, Wis.
Meadow View—Sires in service, Scotch Cumberland 348063, Village Beau 353527, Village Marquis 430412. The bulls and heifers which we offer blend the blood of Whitehall Sultan, Cumberland's Last and Imp. Villager.

WYOMING

GEORGE L. FOXTON, Glendo, Wyo.
Herd bull, Top Goods 2nd 370546, grandson of Choice Goods. A few bulls for sale.

CANADA

ROBERT MILLER, Stouffville, Ontario.
Can supply a carload of very high class Scotch Shorthorn females, and two or three bulls fit for anybody. Write me about them.

It pays to grow calves—not to stunt them. Remember, the rule is, Like begets like. Thick flesh is a desired heritage.

Cattle breeding as a business is strengthened by permanency. It requires time to build up a good will—a reputation—and once it is built up, has a high value.

Let it not be forgotten that the seller's business security and permanency rests largely in safeguarding the buyer's interests. His welfare is reflected upon the source from which he obtains his breeding stock.

THE SEASON'S CHAMPIONS (Continued)

NORTH DAKOTA STATE FAIR (FARGO)

Senior Champion Bull, Sultan Avalon.....	W. W. Brown.....	Amenia, N. D.
Junior and Grand Champion Bull, Type's Model.....	W. J. Hill.....	Northcote, Minn.
Senior and Grand Champion Female, Minerva.....	W. J. Hill.....	
Junior Champion Female, Miss May 4th.....	S. G. Eliason.....	Montevideo, Minn.

NORTH DAKOTA STATE FAIR (GRAND FORKS)

All championships went to Walter J. Hill, Northcote, Minn.

CALIFORNIA STATE FAIR

Senior Champion Bull, Roselawn Choice.....	Jack London.....	Glen Ellen, Cal.
Junior and Grand Champion Bull, Count Glory.....	W. M. Carruthers.....	Mayfield, Cal.
Senior Champion Female, Hopland Lass.....	Hopland Stock Farm.....	Hopland, Cal.
Junior and Grand Champion Female, Barco Duchess.....	Barco Ranch.....	Hollister, Cal.

ILLINOIS STATE FAIR

Senior and Grand Champion Bull, Maxwalton Revolution.....	Carpenter & Ross.....	Mansfield, Ohio
Junior Champion Bull, Chief Champion.....	J. W. McDermott.....	Kahoka, Mo.
Senior and Grand Champion Female, Maxwalton Mina 8th.....	Carpenter & Ross.....	
Junior Champion Female, King's Gift.....	J. W. McDermott.....	

KANSAS STATE FAIR (HUTCHINSON)

Senior Champion Bull, Diamond Emblem.....	T. J. Dawe & Son.....	Troy, Kan.
Junior and Grand Champion Bull, Village Marshal.....	Tomson Bros.....	Carbondale and Dover, Kan.
Senior Champion Female, Lady Devergoil.....	William Herkelmann & Son.....	Elwood, Iowa
Junior and Grand Champion Female, Barmpton Flower.....	Rapp Bros.....	St. Edwards, Neb.

INTERSTATE FAIR, SIOUX CITY, IOWA

Senior Champion Bull, Marr's Avon.....	L. C. Oloff.....	Ireton, Iowa
Junior and Grand Champion Bull, Fair Sultan.....	E. J. Thompson & Son.....	Hurley, S. D.
Senior Champion Female, Lady Violet 7th.....	Rees & Sons.....	Pilger, Neb.
Junior and Grand Champion Female, Lenora Goods.....	Rees & Sons.....	

TENNESSEE STATE FAIR

All championships went to Lespedeza Farm, Hickory Valley, Tenn.

EAST TENNESSEE DIVISION FAIR (KNOXVILLE, TENN.)

All championships went to Lespedeza Farm, Hickory Valley, Tenn.

MISSOURI STATE FAIR

Senior and Grand Champion Bull, Maxwalton Revolution.....	Carpenter & Ross.....	
Junior Champion Bull, Cumberland Marshal.....	J. W. McDermott.....	
Senior Champion Female, Red Gem.....	Carpenter & Ross.....	
Junior and Grand Champion Female, Lenora Goods.....	Rees & Sons.....	

OKLAHOMA STATE FAIR

Senior and Grand Champion Bull, Diamond Emblem.....	T. J. Dawe & Son.....	
Junior Champion Bull, Village Marshal.....	Tomson Bros.....	
Senior and Grand Champion Female, Trilby Allan.....	Rapp Bros.....	
Junior Champion Female, Fancy 20th.....	Tomson Bros.....	

MONTANA STATE FAIR

Senior and Grand Champion Bull, Cumberland Lad.....	Child & Anceny.....	Helena, Mont.
Junior Champion Bull, Green Meadow Master.....	Child & Anceny.....	
Senior Champion Female, Victoria 10th.....	W. J. Hill.....	
Junior and Grand Champion Female, Northcote Gypsy.....	W. J. Hill.....	

WYOMING STATE FAIR

Senior Champion Bull, Second Thought.....	Allen Cattle Co.....	Colorado Springs, Colo.
Junior and Grand Champion Bull.....	D. Warnock & Son.....	Loveland, Colo.
Senior and Grand Champion Female, Lavender Maid.....	Allen Cattle Co.....	
Junior Champion Female, Royal Susan.....	Allen Cattle Co.....	

AMERICAN ROYAL SHOW (KANSAS CITY, MO.)

Senior and Grand Champion Bull, Pride of Albion.....	F. R. Edwards.....	Tiffin, Ohio
Junior Champion Bull, Faultless Dale.....	Owen Kane.....	Wisner, Neb.
Senior Champion Female, Lady Violet 7th.....	Rees & Sons.....	
Junior and Grand Champion Female, Viola.....	W. C. Rosenberger.....	Tiffin, Ohio

MISSISSIPPI-ALABAMA FAIR (MERIDIAN, MISS.)

Senior and Grand Champion Bull, Sultan's Boy.....	Rodman & Crabb.....	Gallin, Ala.
Junior Champion Bull, Sultan's Flash.....	Rodman & Crabb.....	
Senior and Grand Champion Female, Sultan's Seraphina.....	Blantyre Farm.....	Meridian, Miss.
Junior Champion Female, Sultan Lady.....	Blantyre Farm.....	

SOUTHEASTERN FAIR (ATLANTA, GA.)

Senior and Grand Champion Bull, Maxwalton Revolution.....	Carpenter & Ross.....	
Junior Champion Bull, Vain Sultan.....	W. C. Rosenberger.....	
Senior Champion Female, Fair Gift.....	Lespedeza Farm.....	
Junior and Grand Champion Female, Viola.....	W. C. Rosenberger.....	

TRI-STATE FAIR, MEMPHIS, TENN.

Senior and Grand Champion Bull, Pride of Albion.....	Frank Edwards.....	
Junior Champion Bull, Imperial Mistletoe.....	Lespedeza Farm.....	
Senior and Grand Champion Female, Fair Gift.....	Lespedeza Farm.....	
Junior Champion Female, Hampton's Queen.....	Frank Edwards.....	

MISSISSIPPI STATE FAIR, JACKSON, MISS.

All championships went to Carpenter & Carpenter, Baraboo, Wis.

LOUISIANA STATE FAIR (SHREVEPORT)

Senior and Grand Champion Bull.....	Will Henn.....	Kansas City, Mo.
Junior Champion Bull.....	Carpenter & Carpenter.....	Baraboo, Wis.
Senior Champion Female.....	Carpenter & Carpenter.....	
Junior and Grand Champion Female.....	Carpenter & Carpenter.....	

INTERNATIONAL LIVE STOCK EXPOSITION (CHICAGO, ILL.)

Senior Champion Bull, Burnbrae Sultan.....	A. F. & G. Auld.....	Guelph, Ont.
Junior and Grand Champion Bull, Village Supreme.....	Bellows Bros.....	Maryville, Mo.
Senior Champion Female, Fair Gift.....	Lespedeza Farm.....	Hickory Valley, Tenn.
Junior and Grand Champion Female, Lady Dorothy.....	Carpenter & Ross.....	Mansfield, Ohio